

Βιογραφικό Σημείωμα

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Προσωπικά Στοιχεία

Ημερομηνία Γεννήσεως: 17 Οκτωβρίου 1963
Τόπος Γεννήσεως: Πειραιάς
Οικογενειακή Κατάσταση: Έγγαμος
Υπηκοότητα: Ελληνική

Εκπαίδευση

Ιούνιος 1981: Απολυτήριο Ιωνιδείου Προτύπου Σχολής Πειραιώς (Άριστα, 18 11/13).
Μάιος 1986: Πτυχίο Χημείας, Πανεπιστήμιο Αθηνών (Λίαν Καλώς, 7 7/20).
Μάιος 1992: Διδακτορικό (Ph.D.) στην Χημική Φυσική (Chemical Physics)
Πολιτειακό Πανεπιστήμιο του Michigan (Michigan State University).
Μάιος 1993: Απολυτήριο Στρατού (Σώμα Υλικού Πολέμου 5/1992 – 5/1993).

Ερευνητική Εμπειρία και Ενδιαφέροντα

- Μελέτη μηχανισμών πυρηνικών αντιδράσεων. Παραγωγή σπανίων ραδιενεργών πυρήνων (rare isotopes) στα όρια της πυρηνικής σταθερότητας. Μελέτη δομής και αντιδράσεων σπανίων πυρήνων.
- Πυρηνικές αντιδράσεις συντήξεως και εφαρμογή στην παραγωγή βαρέων και υπερβαρέων στοιχείων (superheavy elements).
- Πυρηνική Αστροφυσική: μελέτη αντιδράσεων συνθέσεως των χημικών στοιχείων στους αστέρες.
- Θερμοδυναμική και Στατιστική Μηχανική των πυρήνων. Πυρηνική καταστατική εξίσωση και εφαρμογή αυτής στην Αστροφυσική (π.χ. εκρήξεις supernova, αστέρες νετρονίων).
- Θεωρητική περιγραφή της δομής και της δυναμικής συμπεριφοράς των πυρήνων με σύγχρονα μοντέλα (π.χ. Skyrme-Hartree-Fock/Time-Dependent Hartree-Fock, Antisymmetrized/Fermionic Molecular Dynamics).
- Αναλυτικές και ιατρικές εφαρμογές της Πυρηνικής Φυσικής/Χημείας.

Επιστημονική/Ερευνητική Δραστηριότητα

9/1986 - 5/1992: Μεταπτυχιακός φοιτητής (με υποτροφία βοηθού διδασκαλίας-έρευνας) στο Τμήμα Χημείας του Πολιτειακού Πανεπιστημίου του Michigan (Michigan State University-MSU), Η.Π.Α. Επιβλέπων Καθηγητής Dr. David J. Morrissey.

- Φοίτηση στον μεταπτυχιακό κύκλο μαθημάτων του προγράμματος Χημικής Φυσικής (Chemical Physics) του Τμήματος Χημείας και Πυρηνικής Φυσικής του Τμήματος Φυσικής του MSU. Εκπόνηση διδακτορικής διατριβής στο Εθνικό Εργαστήριο Υπεραγωγίμου Κυκλοτρονίου (National Superconducting Cyclotron Laboratory – NSCL) του MSU.
- Θέμα Διδακτορικής Διατριβής: *Μελέτη πυρηνικών αντιδράσεων θραύσεως βλήματος σε μετρίως υψηλές ενέργειες και παραγωγή ραδιενεργών δεσμών ελαφρών ιόντων.*

6/1993 - 6/1994: Εξωτερικός Συνεργαζόμενος Ερευνητής στο Ινστιτούτο Πυρηνικής Φυσικής του ΕΚΕΦΕ «Δημόκριτος». Συμμετοχή σε πρόγραμμα παραγωγής και διαχωρισμού ραδιενεργών δεσμών χαμηλής ενεργείας με σκοπό την μελέτη πυρηνικών αντιδράσεων σχετικών με την αστροφυσική.

7/1994 - 1/1997: Συνεργαζόμενος Ερευνητής (Postdoctoral Research Associate) στην ομάδα Πυρηνικής Χημείας του Τμήματος Χημείας του Πολιτειακού Πανεπιστημίου του Oregon (Oregon State University – OSU), Η.Π.Α. Υπεύθυνος της ερευνητικής ομάδος: Καθηγητής Dr. Walter Loveland. Ερευνητικά θέματα:

- Μελέτη πυρηνικών αντιδράσεων θραύσεως βαρέων βλήματων σε μετρίως υψηλές ενέργειες.
- Παραγωγή νέων πυρήνων πλούσιων σε πρωτόνια (proton-rich nuclei).
- Μελέτη σχάσεως βλημάτων ^{238}U , παραγωγή και διαχωρισμός ραδιενεργών δεσμών πυρήνων πλουσίων σε νετρόνια (neutron-rich nuclei).
- Μελέτη αντιδράσεων πυρηνικής συντήξεως με την χρήση ραδιενεργών δεσμών και εφαρμογή στην παραγωγή βαρέων και υπερβαρέων στοιχείων.

2/1997 - 12/1999: Συνεργαζόμενος Ερευνητής με προσόντα Δ' Βαθμίδος στο Ινστιτούτο Πυρηνικής Φυσικής του ΕΚΕΦΕ “Δημόκριτος”. Ερευνητικά θέματα:

- Πειραματική Πυρηνική Αστροφυσική: μελέτη πυρηνικών αντιδράσεων που διέπουν την σύνθεση των χημικών στοιχείων στους αστέρες και στο σύμπαν.
- Παραγωγή και μελέτη νέων πυρήνων στα όρια της πυρηνικής σταθερότητας (proton drip-line, neutron drip-line).
- Αναλυτικές Εφαρμογές Πυρηνικής Φυσικής.

1/2000 - 3/2000: Συνεργαζόμενος Ερευνητής (Postdoctoral Research Associate) στην ομάδα Πυρηνικής Χημείας του Πολιτειακού Πανεπιστημίου του Oregon (Oregon State University). Υπεύθυνος Καθηγητής Dr. Walter Loveland.

- Ερευνητικό θέμα: Μελέτη μηχανισμών αντιδράσεων πυρηνικής συντήξεως προς παραγωγή βαρέων και υπερβαρέων στοιχείων.

Απρίλιος 2000-Σεπτέμβριος 2009: Ερευνητής στο Ινστιτούτο Κυκλοτρονίου (Cyclotron Institute) του Πανεπιστημίου Texas A&M, Η.Π.Α. Αναλυτικότερα, η ερευνητική εξέλιξή μου είχε ως εξής:

4/2000 - 8/2001: Συνεργαζόμενος Ερευνητής (Postdoctoral Research Associate) στο Ινστιτούτο Κυκλοτρονίου (Cyclotron Institute) του Πανεπιστημίου Texas A&M. Υπεύθυνη της ερευνητικής ομάδος: Καθηγήτρια Dr. Sherry J. Yennello.

9/2001 - 8/2006: Ερευνητής Γ' Βαθμίδος (Assistant Research Scientist) στο Ινστιτούτο Κυκλοτρονίου (Cyclotron Institute) του Πανεπιστημίου Texas A&M.

9/2006 – 9/2009: Ερευνητής Β' Βαθμίδος (Associate Research Scientist) στο Ινστιτούτο Κυκλοτρονίου (Cyclotron Institute) του Πανεπιστημίου Texas A&M.

Κατά την διάρκεια εργασίας μου στο Ινστιτούτο Κυκλοτρονίου του Πανεπιστημίου Texas A&M (Απρίλιος 2000-Σεπτέμβριος 2009), τα ερευνητικά θέματα με τα οποία ασχολήθηκα ήταν τα εξής:

- Μελέτη μηχανισμών παραγωγής πυρήνων πλουσίων σε νετρόνια από αντιδράσεις ανελαστικής σκεδάσεως (deep-inelastic scattering) στην περιοχή ενεργειών 15-35 MeV/nucleon (nuclear Fermi energy range).
- Μελέτη του βαθμού ελευθερίας N/Z (λόγος αριθμού νετρονίων N προς τον αριθμό πρωτονίων) και της πυρηνικής καταστατικής εξισώσεως (nuclear equation of state).
- Θερμοδυναμική και Στατιστική Μηχανική των πυρήνων.

9/2009–σήμερα: Επίκουρος Καθηγητής στο Εργαστήριο Φυσικοχημείας τού Τμήματος Χημείας του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών. Τα ερευνητικά ενδιαφέροντα της περιόδου αυτής εστιάζονται στα εξής θέματα:

- Παραγωγή και μελέτη εξωτικών πυρήνων. Μελέτη της δυναμικής και θερμοδυναμικής των πυρηνικών αντιδράσεων. Μελέτη της πυρηνικής καταστατικής εξισώσεως. Εφαρμογή των παραπάνω μελετών στην περιγραφή αστροφυσικών φαινομένων όπως εκρήξεις supernova και δομή αστερών νετρονίων.
- Μελέτη του μηχανισμού της πυρηνικής σχάσεως και πιθανές εφαρμογές σε νέα σχήματα παραγωγής πυρηνικής ενέργειας, π.χ. ADS (accelerator driven systems).
- Εφαρμογές στην Πυρηνική Ιατρική: αλληλεπίδραση δεσμών πρωτονίων και βαρέων ιόντων (π.χ. ^{12}C) υψηλής ενεργείας με τους ιστούς και εφαρμογή στην θεραπεία εντοπισμένων καρκίνων (Proton and Heavy-Ion Cancer Therapy).

2009–σήμερα (θερινοί μήνες): Επισκέπτης Ερευνητής στο Ινστιτούτο Κυκλοτρονίου (Cyclotron Institute) του Πανεπιστημίου Texas A&M. Κατά την παραμονή μου, λαμβάνω ενεργό μέρος στην προετοιμασία των πειραματικών διατάξεων του εργαστηρίου οι οποίες είναι απαραίτητες για την πραγματοποίηση του ανωτέρω ερευνητικού προγράμματος. Η εν λόγω δραστηριότητα περιλαμβάνει δοκιμαστικές μετρήσεις (test runs) και την εκπόνηση των τελικών μετρήσεων (main runs) για την λήψη πειραματικών δεδομένων σχετικών με τις υπό μελέτη πυρηνικές αντιδράσεις. Παράλληλα, συμμετέχω ενεργά στο πρόγραμμα αναβάθμισης του εργαστηρίου για την παραγωγή και χρήση ραδιενεργών δεσμών (Texas A&M Radioactive Beam Upgrade) το οποίο χρηματοδοτείται από το DOE (Department of Energy) των ΗΠΑ.

Επίσης συμμετέχω στην εργαστηριακή εκπαίδευση μεταπτυχιακών φοιτητών και μεταδιδακτορικών ερευνητών, οι οποίοι λαμβάνουν μέρος στα προαναφερθέντα πειράματα. Στο σημείο αυτό, αναφέρω και την συμμετοχή και την εκπαίδευση του Παναγιώτη Φουντά, φοιτητού του ΕΚΠΑ (βλέπε κατωτέρω), κατά την περίοδο Ιουλίου-Αυγούστου 2011, μέσω του προγράμματος REU (Research Experience for Undergraduates).

Εκπαιδευτική Δραστηριότητα προ του Διορισμού στο ΕΚΠΑ

- Βοηθός Διδασκαλίας (Teaching Assistant, 1986-1989) στο Τμήμα Χημείας του Πολιτειακού Πανεπιστημίου του Michigan στα μαθήματα και τα φροντιστήρια Γενικής Χημείας και Εισαγωγής στη Φυσικοχημεία.
- Συμμετείχα στην εκπαίδευση και στην επίβλεψη (1994-1997) της μεταπτυχιακής φοιτήτριας K.E. Zyromski, κατά την εκπόνηση της διδακτορικής της διατριβής που ήταν στην ομάδα Πυρηνικής Χημείας του Πολιτειακού Παν/μίου Oregon.
- Συμμετείχα στην εκπαίδευση και στην επίβλεψη του Παναγιώτη Παναγιώτου και στην επίβλεψη της πτυχιακής εργασίας του (9/1997–7/1998), όπως και της διδακτορικής διατριβής της Ειρήνης Σκρέτη (7/1997 - 7/1999) στο Ινστιτούτο Πυρηνικής Φυσικής του ΕΚΕΦΕ “Δημόκριτος”.
- Ανέλαβα αναπληρωτής υπεύθυνος της ερευνητικής ομάδος της Καθηγήτριας Sherry Yennello κατά την διάρκεια της απουσίας της στο NSF (National Science Foundation, 8/2001-8/2002).
- Συμμετείχα στην επίβλεψη της διδακτορικής διατριβής του μεταπτυχιακού φοιτητού August Keksis (9/2000-2/2007) και της διδακτορικής διατριβής της Sarah Soisson (9/2004-8/2009). Οι ανωτέρω φοιτητές ανήκαν στην ερευνητική ομάδα της Καθηγήτριας Sherry Yennello.
- Συμμετείχα στην εκπαίδευση και στην ερευνητική καθοδήγηση των προπτυχιακών φοιτητών που έλαβαν μέρος στο εθνικό θερινό πρόγραμμα REU (Research Experience for Undergraduates), στο Cyclotron Institute του Πανεπιστημίου Texas A&M απο το 2003 μέχρι και το 2009.

Εκπαιδευτικό έργο στο Τμήμα Χημείας του ΕΚΠΑ

A. Κατ’ ανάθεση διδασκαλία προπτυχιακών μαθημάτων

- **2/2009-7/2009** (εαρινό εξάμηνο): Θέση Έκτακτου Διδακτικού Προσωπικού [Π.Δ. 407/80] σε βαθμίδα Λέκτορος. Ανασύσταση της διδακτέας ύλης και διδασκαλία του προχωρημένου κατ’ επιλογήν προπτυχιακού μαθήματος (και σχεδιασμός του αντιστοίχου εργαστηρίου) «Ραδιοχημεία-Πυρηνική Χημεία». Επτά φοιτητές παρακολούθησαν και ολοκλήρωσαν επιτυχώς το μάθημα.
- **9/2009–σήμερα**: ολοκλήρωση της διδακτέας ύλης και των εργαστηριακών ασκήσεων του μαθήματος «Ραδιοχημεία-Πυρηνική Χημεία». Διδασκαλία του μαθήματος κατά το εαρινό εξάμηνο των ετών 2009-10, 2010-11, 2011-12 και

κατά το χειμερινό εξάμηνο του έτους 2012-13. Κατά το τελευταίο αυτό εξάμηνο, 73 φοιτητές παρακολούθησαν και ολοκλήρωσαν το μάθημα.

- **9/2009 – σήμερα:**

Επίβλεψη των ασκήσεων του Εργαστηρίου Φυσικοχημείας κατά το χειμερινό εξάμηνο (Εργ. Φυσικοχημείας II) καθώς και το εαρινό εξάμηνο (Εργ. Φυσικοχημείας III) στα οποία ασκούνται οι τριτοετείς φοιτητές του Τμήματος Χημείας.

Φροντιστηριακή διδασκαλία των ασκήσεων του Εργαστηρίου Φυσικοχημείας II.

B. Διδασκαλία μεταπτυχιακών μαθημάτων

Εαρινό εξάμηνο των ετών 2011-12 και 2012-13: Επιλογή και ανάπτυξη της διδακτέας ύλης και διδασκαλία του μεταπτυχιακού μαθήματος «Ειδικά Θέματα Πυρηνικής Χημείας». Το μάθημα αυτό διδάσκεται για πρώτη φορά στον κύκλο μαθημάτων του μεταπτυχιακού προγράμματος Φυσικοχημείας του Τμήματος Χημείας του ΕΚΠΑ.

Γ. Κύρια Επιμέλεια Πτυχιακών Διπλωματικών Εργασιών

Επιβλέπων Καθηγητής των πτυχιακών εργασιών των κατωτέρω φοιτητών:

- Παναγιώτη Φουντά (2010-2011). Θέμα Εργασίας: Μελέτη της Πυρηνικής Σταθερότητας και των Μηχανισμών των Πυρηνικών Αντιδράσεων.
- Νικολέττας Βόντα (2011-2012). Θέμα Εργασίας: Πυρηνική Σχάση και Σύγχρονες Ερευνητικές Κατευθύνσεις Αυτής. Αναλυτικές Εφαρμογές Πυρηνικών Μεθόδων με έμφαση στην Φασματοσκοπία Ακτίνων γ .
- Μαρίας Πλατουνάρη (2012-2013, σε εξέλιξη). Θέμα Εργασίας: Εφαρμογή Δεσμών Πρωτονίων και Βαρέων Ιόντων Υψηλής Ενεργείας στην Θεραπεία του Καρκίνου.

Δ. Κύρια Επιμέλεια Μεταπτυχιακών Διπλωμάτων Ειδικεύσεως (Μ.Δ.Ε.)

Επιβλέπων Καθηγητής των κατωτέρω μεταπτυχιακών φοιτητών:

- Παναγιώτη Φουντά (2011-2013, η διατριβή ολοκληρώθηκε τον Ιούνιο του 2013). Θέμα Διατριβής: Συστηματική Μελέτη Παραγωγής Πυρήνων Πλουσίων σε Νετρόνια σε Περιφερειακές Αντιδράσεις Βαρέων Ιόντων με Ενέργειες Δέσμης 15-25 MeV/νουκλεόνιο.
- Νικολέττας Βόντα (2012-σήμερα, η ολοκλήρωση αναμένεται τον Ιούνιο του 2014). Θέμα Διατριβής: Μελέτη Πυρηνικής Σχάσεως Βαρέων Πυρήνων σε Χαμηλές Ενέργειες.

Ε. Επίβλεψη Μεταπτυχιακών Φοιτητών στο Πανεπιστήμιο του Texas A&M

Παράλληλα με το εκπαιδευτικό μου έργο στο ΕΚΠΑ, κατά την παραμονή μου στο Texas A&M τους θερινούς μήνες, συμμετείχα και εξακολουθώ να συμμετέχω στην εκπαίδευση και ερευνητική καθοδήγηση δύο μεταπτυχιακών φοιτητών (Lauren Heilborn και Paul Cammarata) οι οποίοι ανήκουν στην ερευνητική ομάδα της καθηγήτριας Sherry Yennello.

Διοικητική Δραστηριότητα

Μέλος της Γενικής Συνελεύσεως (ΓΣ) του Τμήματος Χημείας του ΕΚΠΑ κατά τα ακαδημαϊκά έτη 2011-2012 και 2012-2013.

Μέλος του Διοικητικού Συμβουλίου της Ελληνικής Εταιρείας Πυρηνικής Φυσικής κατά την διετία 2010-2012.

Διοργάνωση Συνεδρίων

Μέλος της Οργανωτικής Επιτροπής τών κατωτέρω Συνεδρίων:

- The 3^d International Conference on Nuclear Fragmentation (NUFRA-2011), Antalya, Turkey, October 2-9, 2011.
- The 22nd Symposium of the Hellenic Nuclear Physics Society, University of Athens, Athens, May 30 - June 1, 2013.

Διοργάνωση Ημερίδων

Μέλος της Οργανωτικής Επιτροπής τών κατωτέρω Ημερίδων:

- 1^η Φοιτητική Ημερίδα Χημείας (με αφορμή το Διεθνές Έτος Χημείας), Χημικό Τμήμα ΕΚΠΑ (1/6/2011).
- 2^η Φοιτητική Ημερίδα Χημείας, Χημικό Τμήμα ΕΚΠΑ (25/5/2013).

Μέλος Επιστημονικών Συλλόγων

- Ένωση Ελλήνων Χημικών (απο το 1986)
- Ελληνική Εταιρεία Πυρηνικής Φυσικής (απο το 1993)
- American Physical Society (απο το 1990)
- Ελληνικό Ινστιτούτο Πυρηνικής Φυσικής (από το 2010)

Κριτής σε Επιστημονικά Περιοδικά

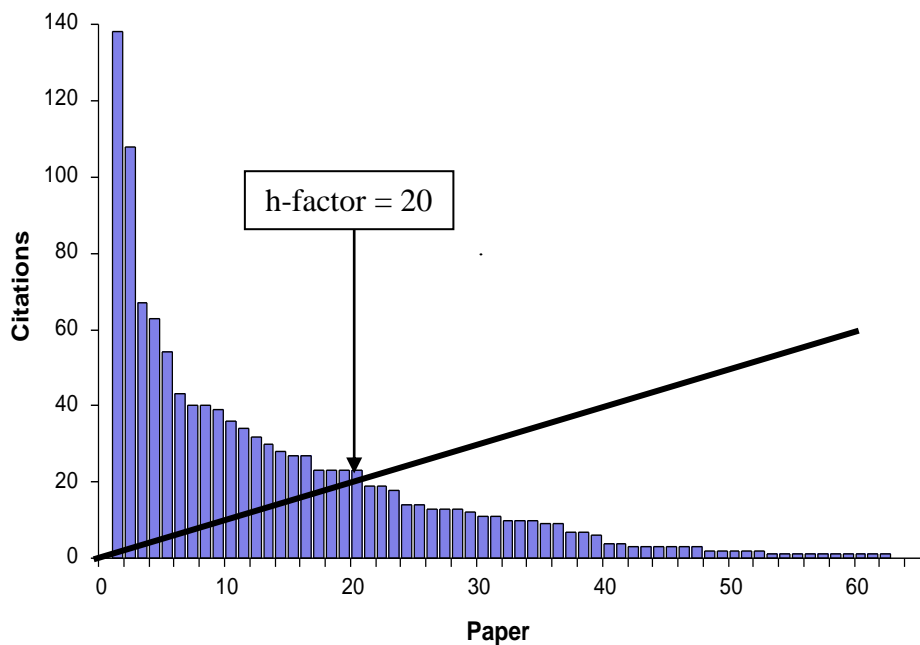
- *Journal of Physics G, Nuclear and Particle Physics*
- *Nuclear Physics A*
- *European Physical Journal A*
- *Nuclear Instruments and Methods in Physical Research*

Ανάλυση των Πρωτότυπων Δημοσιεύσεων και Παρουσιάσεων

- Δημοσιεύσεις σε διεθνή περιοδικά με Κριτές : **86**
- Άρθρα στο στάδιο υποβολής προς δημοσίευση : **4**
- Άρθρα σε Πρακτικά Συνεδρίων: **30**
- Περιλήψεις σε Πρακτικά συνεδρίων: **63**
- Ομιλίες (συνολικά): **85**. Εξ' αυτών προσκεκλημένες : **46**

Ανάλυση Δεικτών Αναφορών Ερευνητικών Εργασιών

- Αριθμός αναφορών (6/2013): ~1358
- h-factor: 20
- Εργασίες ως Κύριος Συγγραφέας (primary author): 24
- Εργασίες ως Υπεύθυνος Συγγραφέας (corresponding author): 27



Πίνακας Συντελεστού Απηχήσεως

Περιοδικό	Αριθμός Εργασιών	Συντελεστής Απηχήσεως (Impact Factor)*	Σύνολον Συντελεστού Απηχήσεως
<i>Phys. Rev. C</i>	41	3.715	152.32
<i>Nucl. Phys. A</i>	16	1.525	24.4
<i>J. Phys. G</i>	5	5.326	26.63
<i>Phys. Rev Lett.</i>	2	7.943	15.886
<i>Nucl. Instrum. Meth. B</i>	8	1.266	10.128
<i>Nucl. Instrum. Meth. A</i>	3	1.142	3.426
<i>Phys. Lett. B</i>	3	4.569	13.707
<i>Eur. Phys. J Special Topics</i>	2	1.796	3.592
<i>Int. J Mod. Phys. E</i>	1	0.625	0.625
<i>Rev. Sci. Instrum.</i>	1	1.602	1.602
<i>Physica Scripta</i>	1	1.032	1.032
<i>Rev. Sci. Instrum.</i>	1	1.602	1.602
<i>J. Phys. Conf. Ser.</i>	1	0.650	0.650
Total	85		255.6

(*) Όπως υπολογίζεται στο *ISI Web of Knowledge*, Journal Citation Reports (2013 JCR Science Edition).

Citation Index Table (June 2013)

Paper Number	Journal	Year	Author Order/Total Number of Authors	Impact Factor	Citations
1	<i>Rev. Sci. Instrum.</i> 62, 342	1991	1*/3	1.602	1
2	<i>Phys. Rev. C</i> 46, 1383	1992	1*/5	3.715	19
3	<i>Nucl. Phys. A</i> 538, 333	1992	5/7	1.525	1
4	<i>Phys. Rev. Lett.</i> 69, 2050	1992	9/12	7.943	108
5	<i>Phys. Rev. C</i> 49, 3301	1994	1*/9	3.715	1
6	<i>Phys. Rev. C</i> 51, 3116	1995	10/15	3.715	40
7	<i>Phys. Rev. C</i> 55, R562	1997	3/12	3.715	27
8	<i>Phys. Rev. C</i> 55, R2146	1997	1*/7	3.715	11
9	<i>Nucl. Phys. A</i> 627, 222	1997	8/15	1.525	36
10	<i>J. Phys. G</i> 23, 1251	1997	3/12	5.326	2
11	<i>Phys. Rev. C</i> 57, 3129	1998	1*/6	3.715	10
12	<i>Nucl. Instrum. Meth. B</i> 161, 524	2000	6/7	1.266	5
13	<i>Physica Scripta</i> T88, 153	2000	1*/1	1.032	13
14	<i>Phys. Rev. C</i> 63, 024615	2001	3/9	3.715	23
15	<i>Phys. Rev. C</i> 64, 055804	2001	4/11	3.715	27
16	<i>Nucl. Phys. A</i> 705, 279	2002	1*/5	1.525	3
17	<i>Phys. Lett. B</i> 543, 163	2002	1*/9	4.569	28
18	<i>Nucl. Instrum. Meth. B</i> 204, 166	2003	1*/4	1.266	18
19	<i>Phys. Rev. C</i> 68, 021602(R)	2003	5/5	3.715	27
20	<i>Nucl. Phys. A</i> 724, 431	2003	1*/7	1.525	13
21	<i>Phys. Rev. Lett.</i> 91, 022701	2003	1*/8	7.943	30
22	<i>Phys. Rev. C</i> 68, 024605	2003	1*/8	3.715	63
23	<i>Phys. Rev. C</i> 68, 054605	2003	5/34	3.715	11
24	<i>Nucl. Phys. A</i> 734, E100	2004	5/34	3.715	1
25	<i>Nucl. Phys. A</i> 734, 557	2004	1*/5	1.525	1
26	<i>Phys. Rev. C</i> 69, 031602(R)	2004	2/3	3.715	19
27	<i>Phys. Rev. C</i> 69, 044607	2004	2/3	3.715	40
28	<i>Phys. Rev. C</i> 69, 031604(R)	2004	29/34	3.715	21
29	<i>Phys. Rev. C</i> 69, 044610	2004	28/34	3.715	43
30	<i>Phys. Lett. B</i> 588, 35	2004	1*/4	3.715	23
31	<i>Nucl. Phys. A</i> 746, 526	2004	1/5	1.525	1
32	<i>Phys. Rev. C</i> 70, 011601(R)	2004	4/7	3.715	54
33	<i>Phys. Rev. C</i> 71, 024602	2005	4/6	3.715	32
34	<i>J. Phys. G</i> 31, 29	2005	4/7	5.326	10
35	<i>Nucl. Phys. A</i> 749, 106	2005	29/34	1.525	2
36	<i>Phys. Rev. C</i> 71, 054606	2005	29/34	3.715	56
37	<i>Nucl. Instrum. Meth. A</i> 547, 464	2005	25/27	1.142	1
38	<i>Phys. Rev. C</i> 71, 054608	2005	31/38	3.715	5
39	<i>Phys. Rev. C</i> 72, 024603	2005	31/38	3.715	18
40	<i>Nucl. Phys. A</i> 765, 252	2006	2/2	1.525	14
41	<i>Phys. Rev. C</i> 73, 024606	2006	1*/7	3.715	43
42	<i>Phys. Rev. C</i> 74, 024605	2006	4/10	3.715	39

43	<i>Phys. Rev. C</i> 74, 044607	2006	7/9	3.715	14
44	<i>Phys. Rev. C</i> 74, 054608	2006	4/7	3.715	4
45	<i>Phys. Rev. C</i> 74, 051602	2006	19/21	3.715	7
46	<i>Nucl. Phys. A</i> 781, 521	2007	2/2	1.525	3
47	<i>Nucl. Instrum. Meth. B</i> 261, 990	2007	3/3	1.266	2
48	<i>Nucl. Instrum. Meth. B</i> 261, 996	2007	1*/7	1.266	2
49	<i>Nucl. Instrum. Meth. B</i> 261, 1094	2007	1*/9	1.266	2
50	<i>Phys. Rev. C</i> 75, 014604	2007	16/37	3.715	2
51	<i>Phys. Rev. C</i> 75, 011601	2007	1*/7	3.715	34
52	<i>Phys. Rev. C</i> 75, 034602	2007	3/3	3.715	67
53	<i>Phys. Rev. C</i> 76, 039902	2007	3/3	3.715	138
54	<i>Eur. Phys. J. Spec.Topics</i> 150, 255	2007	8/9	1.796	3
55	<i>Eur. Phys. J. Spec.Topics</i> 150, 325	2007	1*/9	1.796	1
56	<i>Nucl. Instrum. Meth. B</i> 265, 605	2007	17/22	1.266	3
57	<i>Nucl. Instrum. Meth. B</i> 266, 4213	2008	1*/1	1.266	2
58	<i>Nucl. Instrum. Meth. B</i> 266, 4692	2008	1*/10	1.266	1
59	<i>Phys. Rev. C</i> 79, 034603	2009	2/4	3.715	3
60	<i>J. Phys. G</i> 36, 075103	2009	2/8	5.326	7
61	<i>Phys. Rev. C</i> 79, 064318	2009	13/16	3.715	12
62	<i>Nucl. Instrum. Meth. A</i> 613, 240	2009	6/16	1.142	1
63	<i>Phys. Rev. C</i> 79, 061602(R)	2009	3/13	3.715	23
64	<i>Nucl. Phys. A</i> 837, 145	2010	2*/11	1.525	9
65	<i>Nucl. Phys. A</i> 837, 163	2010	2/8	1.525	1
66	<i>J. Phys. Conf. Ser.</i> 205, 012019	2010	1*/1	0.650	1
67	<i>Nucl. Phys. A</i> 834, 577	2010	2/2	1.525	1
68	<i>Phys. Rev. C</i> 81, 054602	2010	3*/13	3.715	9
69	<i>Nucl. Phys. A</i> 843, 1	2010	4/13	1.525	23
70	<i>Phys. Rev. C</i> 82, 064601	2010	8/15	3.715	6
71	<i>Phys. Rev. C</i> 83, 044601	2011	10/17	3.715	13
72	<i>Phys. Rev. C</i> 83, 054609	2011	6/13	3.715	3
73	<i>Nucl. Phys. A</i> 872, 1	2011	2/2	1.525	1
74	<i>Phys. Rev. C</i> 84, 064607	2011	1*/9	3.715	2
75	<i>Int. J. Modern Phys. E</i> 21, 1250019	2012	8/15	0.625	1
76	<i>Phys. Rev. C</i> 85, 034617	2012	12/17	3.715	10
77	<i>Phys. Rev. C</i> 85, 064605	2012	11/16	3.715	1
78	<i>J. Phys. G</i> 39 095204	2012	3/3	5.326	1
79	<i>Phys. Rev. C</i> 86, 044605	2012	8/11	3.715	4
80	<i>J. Phys. G</i> 39, 115104	2012	3*/11	5.326	1
81	<i>Phys. Lett. B</i> 337	2013	11/14	4.569	1
82	<i>Phys. Rev. C</i> 87, 024603	2013	3/13	3.715	1
83	<i>Phys. Rev. C</i> 87, 017603	2013	11/13	3.715	0
84	<i>Nucl. Instrum. Meth. A</i> 707, 80	2013	12/13	1.142	0
85	<i>Phys. Rev. C</i> 87, 034617	2013	11/14	3.715	0
	Total				1360

*Corresponding Author for these publications.

Κατάλογος Δημοσιεύσεων και Παρουσιάσεων

A. Διδακτορική Διατριβή

“Study of Projectile Fragmentation Reactions at Intermediate Energies”
Chemistry Department, Michigan State University, 1992.

B. Πρωτότυπες Εργασίες σε Διεθνή Περιοδικά με Κριτές

1. A Beamline Zero-degree Spectrometer for Measurements of Projectile Fragment Distributions. G.A. Souliotis*, D.J. Morrissey, and B.M. Sherrill, *Rev. Sci. Instrum.* 62, 342 (1991). [Citations: 1]
2. Zero-degree Measurements of Momentum Distributions of Projectile-like Fragments. G.A. Souliotis*, D.J. Morrissey, N.A. Orr, B.M. Sherrill, and J.A. Winger, *Phys. Rev. C* 46, 1383 (1992). [Citations: 19]
3. Studies of Exotic Nuclear Beams with the NSCL A1200. D.J. Morrissey, B.M. Sherrill and the A1200 Group. (A1200 Group in 1992: M.F. Mohar, N.A. Orr, G.A. Souliotis and J.A. Winger.) *Nucl. Phys. A* 538, 333 (1992). [Citations: 1]
4. Momentum Distributions ${}^9\text{Li}$ Fragments following the Break-up of ${}^{11}\text{Li}$. N.A. Orr, N. Anantaraman, S.M. Austin, C.A. Bertulani, K. Hanold, J. Kelley, D.J. Morrissey, B.M. Sherrill, G.A. Souliotis, M. Thoennessen, J.S. Winfield, J.A. Winger, *Phys. Rev. Lett.* 69, 2050 (1992). [Citations: 108]
5. Differential Cross Sections of Projectile-like Fragments from ${}^{18}\text{O}$ and ${}^{40}\text{Ar}$ at $E/A=80$ MeV. G. A. Souliotis*, R. Harkewicz, K. McDonald, D.J. Morrissey, Y. Chen, E. Kashy, B.M. Sherrill, N.A. Orr and J.A. Winger, *Phys. Rev. C* 49, 3301 (1994). [Citations: 1]
6. Momentum Distributions of ${}^9\text{Li}$ Fragments from the Break-up of ${}^{11}\text{Li}$ and the Neutron Halo. N.A. Orr, N. Anantaraman, S.M. Austin, C.A. Bertulani, K. Hanold, J. Kelley, R.A. Kryger, D.J. Morrissey, B.M. Sherrill, G.A. Souliotis, M. Steiner, M. Thoennessen, J.S. Winfield, J.A. Winger and B.M. Young, *Phys. Rev. C* 51, 3116 (1995). [Citations: 40]
7. Fusion Enhancement with Neutron-Rich Radioactive Beams. K.E. Zyromski, W. Loveland. G.A. Souliotis, D.J. Morrissey, C.F. Powell, O. Batenkov, K. Aleklett, R. Yanez, I. Forsberg, M. Sanchez-Vega, J.R. Dunn and B.G. Glagola, *Phys. Rev. C* 55, R562 (1997). [Citations: 27]

8. Production of Neutron Rich Nuclides and Radioactive Beams by Intermediate Energy ^{238}U Fission. G.A. Souliotis*, W. Loveland, G. Wozniak, K. Zyromski, D.J. Morrissey, J.O. Liljenzin and K. Aleklett, *Phys. Rev. C* 55, R2146 (1997). [Citations: 11]
9. Single Neutron Emission Following ^{11}Li β -Decay. D.J. Morrissey, K. McDonald, D. Bazin, B.A. Brown, R. Harkewicz, N.A. Orr, B.M. Sherrill, G.A. Souliotis, M. Steiner, J.A. Winger, S.J. Yennello, B.M. Young, S. Lukyanov, G. Chubarian and Y. Oganessian, *Nucl. Phys. A* 627, 222 (1997). [Citations: 36]
10. Fusion Enhancement with Neutron-Rich Radioactive Beams. W. Loveland, K.E. Zyromski, G.A. Souliotis, D.J. Morrissey, C.F. Powell, O. Batenkov, K. Aleklett, R. Yanez, I. Forsberg, M. Sanchez-Vega, J.R. Dunn and B.G. Glagola, *J. Phys. G* 23, 1251 (1997). [Citations: 2]
11. Heavy Residue Formation in 20 MeV/nucleon $^{197}\text{Au} - ^{12}\text{C}$ and $^{197}\text{Au} - ^{27}\text{Al}$ Collisions. G.A. Souliotis*, K. Hanold, I. Lhenry, W. Loveland, D.J. Morrissey and G.J. Wozniak, *Phys. Rev. C* 57, 3129 (1998). [Citations: 10]
12. Simulations and comparisons of proton channeling spectra along the (111) axis of ^{28}Si in the backscattering geometry. X.A. Aslanoglou, A. Karydas, M. Kokkoris, E. Kossionides, Th. Paradellis, G.A. Souliotis and R. Vlastou, *Nucl. Instrum. Methods B*, 161, 524 (2000). [Citations: 5]
13. Formation and Studies of New Proton-Emitters via Projectile Fragmentation of Heavy-Element Beams. G.A. Souliotis*, *Physica Scripta* T88, 153 (2000). [Citations: 13]
14. Fusion enhancement in the $^{32,38}\text{S} + ^{181}\text{Ta}$ reaction, K.E. Zyromski, W. Loveland, G.A. Souliotis, D.J. Morrissey, C.F. Powell, O. Batenkov, K. Aleklett, R. Yanez and I. Forsberg, *Phys. Rev. C* 63, 024615 (2001). [Citations: 23]
15. Cross section measurements of the $^{93}\text{Nb}(p,\gamma)^{94}\text{Mo}$ reaction at $E_p = 1.3 - 4.9$ MeV relevant to the nucleosynthetic p process. S. Harissopulos, E. Skreti, P. Tsagari, G.A. Souliotis, P. Demetriou, T. Paradellis, J.W. Hammer, R. Kunz, C. Angulo, S. Goriely and T. Rauscher, *Phys. Rev. C* 64, 055804 (2001). [Citations: 27]
16. Heavy Residue Formation in 20 MeV/nucleon $^{197}\text{Au} + ^{90}\text{Zr}$ Collisions. G.A. Souliotis*, W. Loveland, K. Hanold, G. Wozniak and D.J. Morrissey, *Nucl. Phys. A* 705, 279 (2002). [Citations: 3]
17. Enhanced Production of Neutron-Rich Isotopes in the Reaction of 25 MeV/nucleon ^{86}Kr on ^{64}Ni . G.A. Souliotis*, M. Veselsky, G. Chubarian, L. Trache, A. Keksis, E. Martin, A. Ruangma, E. Winchester, and S.J. Yennello, *Phys. Lett. B* 543, 163 (2002). [Citations: 28]

18. Production and Separation of Neutron-rich Rare Isotopes around and below the Fermi Energy. G.A. Souliotis*, M. Veselsky, G. Chubarian and S.J. Yennello, *Nucl. Instrum. Methods B* 204, 166 (2003). [Citations: 18]
19. Energy Dependence of the Isotopic Composition in Nuclear Multifragmentation. D.V. Shetty, S.J. Yennello, E. Martin, A. Keksis, and G.A. Souliotis, *Phys. Rev. C* 68, 021602(R) (2003). [Citations: 27]
20. Heavy Residues with $A < 90$ from the Asymmetric Reaction of 20 MeV/nucleon $^{124}\text{Sn} + ^{27}\text{Al}$ as a Sensitive Probe of the Onset of Multifragmentation. M. Veselsky, G.A. Souliotis, G. Chubarian, L. Trache, A. Keksis, E. Martin, A. Ruangma, E. Winchester, and S.J. Yennello, *Nucl. Phys. A* 724, 431 (2003). [Citations: 13]
21. Enhanced Production of Neutron-Rich Rare Isotopes in Peripheral Collisions at Fermi Energies. G.A. Souliotis*, M. Veselsky, G. Chubarian, L. Trache, A. Keksis, E. Martin, D. V. Shetty and S. J. Yennello, *Phys. Rev. Lett.* 91, 022701 (2003). [Citations: 30]
22. Isotopic Scaling of Heavy Projectile Residues from the Collisions of 25 MeV/nucleon ^{86}Kr with $^{124,112}\text{Sn}$ and $^{64,58}\text{Ni}$. G.A. Souliotis*, D.V. Shetty, M. Veselsky, G. Chubarian, L. Trache, A. Keksis, E. Martin, and S.J. Yennello, *Phys. Rev. C* 68, 024605 (2003). [Citations: 63]
23. Intermediate Mass Fragments and Isospin Dependence in ^{124}Sn , $^{136}\text{Xe} + ^{124}\text{Sn}$, ^{112}Sn Reactions at 28 MeV/nucleon. D.V. Shetty, A. Keksis, E. Martin, A. Ruangma, G.A. Souliotis, M. Veselsky, E. Winchester, S.J. Yennello, K. Hagel, Y.G. Ma, A. Makeev, N. Marie, M. Murray, J.B. Natowitz, L. Qin, P. Smith, R. Wada, J. Wang, M. Cinausero, E. Fioretto, G. Prete, D. Fabris, M. Lunardon, G. Nebbia, V. Rizzi, G. Viesti, J. Cibor, Z. Majka, P. Staszal, R. Alfaro, A. Martinez-Davalos, A. Menchaca-Rocha, Y. El Masri and T. Keutgen (The NIMROD Collaboration), *Phys. Rev. C* 68, 054605 (2003). [Citations: 11]
24. Mid-rapidity emission in ^{124}Sn , $^{124}\text{Xe} + ^{124}\text{Sn}$, ^{112}Sn reactions at 28 MeV/nucleon. D.V. Shetty, A. Keksis, E. Martin, A. Ruangma, G.A. Souliotis, M. Veselsky, E. Winchester, S.J. Yennello, K. Hagel, Y.G. Ma, A. Makeev, N. Marie, M. Murray, J.B. Natowitz, L. Qin, P. Smith, R. Wada, J. Wang, M. Cinausero, E. Fioretto, G. Prete, D. Fabris, M. Lunardon, G. Nebbia, V. Rizzi, G. Viesti, J. Cibor, Z. Majka, P. Staszal, R. Alfaro, A. Martinez-Davalos, A. Menchaca-Rocha, Y. El Masri and T. Keutgen (NIMROD Collaboration), *Nucl. Phys. A* 734, E100 (2004). [Citations: 1]
25. Neutron-Rich Rare Isotope Production in the Fermi Energy Domain, G.A. Souliotis*, M. Veselsky, G. Chubarian, L. Trache and S.J. Yennello, *Nucl. Phys. A* 734, 557 (2004). [Citations: 1]

26. Isoscaling in Peripheral Nuclear Collisions around the Fermi Energy and a Signal of Chemical Separation from its Excitation Energy Dependence. M. Veselsky, G.A. Souliotis, S.J. Yennello, *Phys. Rev. C* 69, 031602(R) (2004). [Citations: 19]
27. Isoscaling Studies of Fission: A Sensitive Probe into the Dynamics of Scission. M. Veselsky, G.A. Souliotis M.J. Jandel, *Phys. Rev. C* 69, 044607 (2004). [Citations: 40]
28. Evidence of Critical Behavior in the Disassembly of Nuclei with $A \sim 36$. Y.G. Ma, R. Wada, K. Hagel, J. Wang, T. Keutgen, Z. Majka, M. Murray, L. Qin, P. Smith, J.B. Natowitz, R. Alfarro, J. Cibor, M. Cinausero, Y. El Masri, D. Fabris, E. Fioretto, A. Keksis, M. Lunardon, A. Makeev, N. Marie, E. Martin, A. Martinez-Davalos, A. Menchaca-Rocha, G. Nebbia, G. Prete, V. Rizzi, A. Ruangma, D.V. Shetty, G.A. Souliotis, P. Staszal, M. Veselsky, G. Viesti, E.M. Winchester, S.J. Yennello (The NIMROD Collaboration) and A. Ono, *Phys. Rev. C* 69, 031604(R) (2004). [Citations: 21]
29. Reaction Dynamics and Multifragmentation in Fermi-Energy Heavy-Ion Reactions. R. Wada, T. Keutgen, K. Hagel, Y.G. Ma, J. Wang, M. Murray, L. Qin, P. Smith, J.B. Natowitz, R. Alfarro, J. Cibor, M. Cinausero, Y. El Masri, D. Fabris, E. Fioretto, A. Keksis, M. Lunardon, A. Makeev, N. Marie, E. Martin, A. Martinez-Davalos, A. Menchaca-Rocha, G. Nebbia, G. Prete, V. Rizzi, A. Ruangma, D.V. Shetty, G.A. Souliotis, P. Staszal, M. Veselsky, G. Viesti, E.M. Winchester, S.J. Yennello, W. Zipper (The NIMROD Collaboration) and A. Ono, *Phys. Rev. C* 69, 044610 (2004). [Citations: 43]
30. Heavy Residue Isoscaling as a Probe of the Process of N/Z Equilibration. G.A. Souliotis*, M. Veselsky, D.V. Shetty and S.J. Yennello, *Phys. Lett. B* 588, 35 (2004). [Citations: 23]
31. Neutron-Rich Rare Isotope Production and Studies of the N/Z Degree of Freedom in Deep-Inelastic Collisions at Fermi Energies. G.A. Souliotis, M. Veselsky, D.V. Shetty, L. Trache and S.J. Yennello, *Nucl. Phys. A* 746, 526 (2004). [Citations: 1]
32. Symmetry Energy and the Isospin-Dependent Equation of State. D.V. Shetty, S.J. Yennello, A.S. Botvina, G.A. Souliotis, E. Bell, M. Jandel and A. Keksis, *Phys. Rev. C* 70, 011601(R) (2004). [Citations: 54]
33. Fragment Yield Distribution and the Influence of Neutron Composition and Excitation Energy in Multifragmentation Reactions. D.V. Shetty, A.S. Botvina, S.J. Yennello, G.A. Souliotis, E. Bell and A. Keksis, *Phys. Rev. C* 71, 024602 (2005). [Citations: 32]
34. The Decay Time Scale of Highly Excited Nuclei as Seen from Asymmetric Emission of Particles. M. Jandel, A.S. Botvina, S.J. Yennello, G.A. Souliotis, D.V. Shetty, E. Bell and A. Keksis, *J. Phys. G* 31, 29 (2005). [Citations: 10]

- 35.** Towards the Critical Behavior in Light Nuclei by the Nimrod Detector. Y.G. Ma, J.B. Natowitz, R. Wada, K. Hagel, J. Wang, T. Keutgen, Z. Majka, M. Murray, L. Qin, P. Smith, R. Alfarro, J. Cibor, M. Cinausero, Y. El Masri, D. Fabris, E. Fioretto, A. Keksis, M. Lunardon, A. Makeev, N. Marie, E. Martin, A. Martinez-Davalos, A. Menchaca-Rocha, G. Nebbia, G. Prete, V. Rizzi, A. Ruangma, D.V. Shetty, G.A. Souliotis, P. Staszal, M. Veselsky, G. Viesti, E.M. Winchester, S.J. Yennello (The NIMROD Collaboration) *Nucl. Phys. A* 749, 106 (2005). [Citations: 2]
- 36.** Critical Behavior in Light Nuclear Systems: Experimental Aspects. Y.G. Ma, J.B. Natowitz, R. Wada, K. Hagel, J. Wang, T. Keutgen, Z. Majka, M. Murray, L. Qin, P. Smith, R. Alfarro, J. Cibor, M. Cinausero, Y. El Masri, D. Fabris, E. Fioretto, A. Keksis, M. Lunardon, A. Makeev, N. Marie, E. Martin, A. Martinez-Davalos, A. Menchaca-Rocha, G. Nebbia, G. Prete, V. Rizzi, A. Ruangma, D.V. Shetty, G.A. Souliotis, P. Staszal, M. Veselsky, G. Viesti, E.M. Winchester, S.J. Yennello (The NIMROD Collaboration), *Phys. Rev. C* 71, 054606 (2005). [Citations: 56]
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Γ. Εργασίες στο Στάδιο της Υποβολής ή Προετοιμασίας

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Δ. Πλήρεις Εργασίες σε Πρακτικά Συνεδρίων

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46. Symmetry Energy of Hot Heavy Fragments Produced in the Multifragmentation of Neutron Rich Systems at Fermi Energies. G.A. Souliotis, A.S. Botvina, D.V. Shetty, A.L. Keksis, M. Veselsky and S.J. Yennello, Fall DNP Meeting of the American Physical Society, Nashville, TN, October 25 - 28, 2006, Bull. Am. Phys. Soc. 51, No. 6, 73 (2006).
47. Symmetry Energy, Temperature, Density and Isoscaling Parameter as a Function of Excitation energy in A ~100 Mass Region. D.V. Shetty, S.J. Yennello, G.A. Souliotis, A.L. Keksis, S.N. Soisson, B.C. Stein, S. Wuenschel, Fall DNP Meeting of the American Physical Society, Nashville, TN, October 25 - 28, 2006, Bull. Am. Phys. Soc. 51, No. 6, 73 (2006).
48. Neutron to proton ratios of quasi-projectile and midrapidity emission in the $^{64}\text{Zn} + ^{64}\text{Zn}$ reaction at 45 MeV/nucleon. D. Theriault, J. Gauthier, F. Grenier, F. Moisan, C. St-Pierre, R. Roy, B. Davin, S. Hudan, T. Paduszynski, R.T. de Souza, E. Bell, J. Garey, J. Iglio, A.L. Keksis, S. Parketon, C. Richers, D.V. Shetty, S.N. Soisson, G.A. Souliotis, B.C. Stein, S.J. Yennello, Fall DNP Meeting of the American Physical Society, Nashville, TN, October 25 - 28, 2006, Bull. Am. Phys. Soc. 51, No. 6, 73 (2006).
49. Constraining the density dependence of the symmetry energy and the nuclear equation of state: A dynamical and statistical model approach. D.V. Shetty, S.J. Yennello, G.A. Souliotis. Fall DNP Meeting of the American Physical Society, Newport News, VA, October 10 - 13, 2007, Bull. Am. Phys. Soc. 52, No. 9, 42 (2007).
50. Nucleon Transfer Calculations Using the HIPSE Model. Z. Kohley, D. Lacroix, G.A. Souliotis, A.L. Keksis, B. Stein, D.V. Shetty, S. Soisson, S.J. Yennello. Fall DNP Meeting of the American Physical Society, Newport News, VA, October 10-13, 2007, Bull. Am. Phys. Soc. 52, No. 9, 43 (2007).
51. Microscopic calculations of heavy-residue formation in quasi-elastic and deep-inelastic collisions below the Fermi energy. G.A. Souliotis, D.V. Shetty, S. Galanopoulos, S.J. Yennello. Fall DNP Meeting of the American Physical

- Society, Newport News, VA, October 10 - 13, 2007, Bull. Am. Phys. Soc. 52, No. 9, 44 (2007).
- 52.** Observation of isomer production in abrasion fission of ^{238}U on a ^9Be Target. A.S. Nettleton, A.M. Amthor, C.M. Folden III, T.N. Ginter, M. Hausmann, D.J. Morrissey, M. Portillo, B.M. Sherrill, O.B. Tarasov, T. Kubo, T. Nakao, H. Takeda, W.D. Loveland, S.L. Manikonda, G.A. Souliotis. Fall DNP Meeting of the American Physical Society, Newport News, VA, October 10 - 13, 2007, Bull. Am. Phys. Soc. 52, No. 9, 44 (2007).
 - 53.** Fission of ^{238}U at 80 MeV/u and Search for New Neutron-Rich Isotopes. C.M. Folden III, A.M. Amthor, T.N. Ginter, M. Hausmann, D.J. Morrissey, A.S. Nettleton, M. Portillo, B.M. Sherrill, O.B. Tarasov, T. Kubo, T. Nakao, H. Takeda, W.D. Loveland, S.L. Manikonda, G.A. Souliotis. Fall DNP Meeting of the American Physical Society, Newport News, VA, October 10 - 13, 2007, Bull. Am. Phys. Soc. 52, No. 9, 44 (2007).
 - 54.** N/Z Equilibration in Deep Inelastic Collisions and the Fragmentation of the Resulting Quasi-projectiles. A.L. Keksis, M. Veselsky, G.A. Souliotis, D.V. Shetty, M. Jandel, E. Bell, A. Ruangma, E. Winchester, S.J. Yennello. Fall DNP Meeting of the American Physical Society, Newport News, VA, October 10 - 13, 2007, Bull. Am. Phys. Soc. 52, No. 9, 44 (2007).
 - 55.** Microscopic calculations of dynamics and N/Z equilibration in peripheral collisions below the Fermi energy. G.A. Souliotis, D.V. Shetty, S. Galanopoulos, S.J. Yennello. April Meeting of the American Physical Society, Apr.11–15, 2008, St. Louis, Missouri. Abstract ref. <http://meetings.aps.org/link/BAPS.2008.APR.R14.4>
 - 56.** Isoscaling studies of reconstructed quasi-projectiles in ^{24}Mg , $^{40}\text{Ca}+^{112,124}\text{Sn}$ reactions at 32 MeV/nucleon. S. Galanopoulos, G.A. Souliotis, A.L. Keksis, M. Veselsky, M. Jandel, D.V. Shetty, Z. Kohley, S. Soisson, B. Stein, S. Wuenschel, S.J. Yennello. April Meeting of the American Physical Society, Apr. 11–15, 2008, St. Louis, Missouri. Abstract ref. <http://meetings.aps.org/link/BAPS.2008.APR.R14.9>
 - 57.** Semiclassical Calculations of Peripheral Heavy-Ion Collisions at Fermi Energies and the Nuclear Equation of State. G.A. Souliotis, D.V. Shetty, S. Galanopoulos, S.J. Yennello. Annual Meeting of the Division of Nuclear Physics of the American Physical Society, Oct. 23–26, 2008; Oakland, California. Abstract reference: <http://meetings.aps.org/link/BAPS.2008.DNP.BF.1>
 - 58.** Fragment Emission and Production in Peripheral Collisions in the Intermediate Energy regime S. Soisson, B. Stein, G.A. Souliotis, D. Shetty, A. Keksis, S. Wuenschel, S.J. Yennello. Annual Meeting of the Division of Nuclear Physics of the American Physical Society, Oct. 23–26, 2008, Oakland, California. Abstract reference: <http://meetings.aps.org/link/BAPS.2008.DNP.BF.2>

- 59.** N/Z Equilibration in Peripheral Reactions on the FAUST Array. B. Stein, S.N. Soisson, G.A. Souliotis, D.V. Shetty, S. Galanopoulos, A.L. Keksis, S. Wuenschel, Z. Kohley, L. May, S.J. Yennello. Annual Meeting of the Division of Nuclear Physics of the American Physical Society, Oct. 23–26, 2008, Oakland, California. Abstract reference: <http://meetings.aps.org/link/BAPS.2008.DNP.BF.3>
- 60.** The Effect of N/Z on Caloric Curves. S. Wuenschel, S.J. Yennello, Z.W. Kohley, L.W. May, G.A. Souliotis, D.V. Shetty, K. Hagel, B.C. Stein, S.N. Soisson, S. Galanopoulos. April Meeting of the American Physical Society, May 2–5, 2009, Denver, Colorado. Abstract reference: <http://meetings.aps.org/link/BAPS.2009.APR.X10.2>
- 61.** Probing densities of hot nuclei. R. Tripathi, S. Wuenschel, G.A. Souliotis, S. Galanopoulos, Z. Kohley, K. Hagel, D.V. Shetty, K. Huseman, L.W. May, S.N. Soisson, B.C. Stein, S.J. Yennello, April Meeting of the American Physical Society, February 13–16, 2010, Washington, DC. Abstract reference: <http://meetings.aps.org/link/BAPS.2010.APR.B7.9>
- 62.** Investigation of the Effect of a Coulomb Force on Velocity Distributions in Multifragmentation. L. Heilborn, G.A. Souliotis, S. Soisson, P. Cammarata, P. Marini, L.W. May, A. McIntosh, A. Raphelt, B. Stein, S. Yennello. Annual Meeting of the Division of Nuclear Physics of the American Physical Society, October 26–29, 2011, East Lansing, Michigan. Abstract reference: <http://meetings.aps.org/link/BAPS.2011.DNP.ME.8>
- 63.** Asymmetry Dependence of Nuclear Caloric Curves. A.B. McIntosh, A. Bonasera, S. Galanopoulos, K. Hagel, Z. Kohley, L. May, D.V. Shetty, S.N. Soisson, G.A. Souliotis, B.C. Stein, R. Tripathi, S. Wuenschel, S.J. Yennello. April Meeting of the American Physical Society, March 31–April 3 2012, Atlanta, Georgia. Abstract reference: <http://meetings.aps.org/link/BAPS.2012.APR.G11.7>

ΣΤ. Συμμετοχή σε Συνέδρια (χωρίς Παρουσίαση)

1. International Symposium on Nuclear Astrophysics: “Nuclei in the Cosmos V”, Volos, Greece, July 6 - 11, 1998.
2. Nuclear Chemistry Gordon Conference, Colby - Sawyer College, New London NH, June 18 - 22, 2000.
3. CAARI-2000: International Conference on the Application of Accelerators in Research and Industry, Denton TX, November 1 - 4, 2000.
4. Nuclear Structure and Astrophysics RIA Town Meeting, Oakland CA, November 10 - 12, 2000.
5. NSCL User Workshop 2003, East Lansing MI, September 27 - 28, 2003.

6. RIA Facility Workshop, East Lansing MI, March 9 - 13, 2004.
7. WCI-2005: World Consensus Initiative on Nuclear Reactions, College Station TX, February 12 - 16, 2005.
8. NSCL User Workshop 2005, East Lansing, MI, August 18 - 20, 2005.
9. Third Argonne/MSU/JINA RIA Theory Workshop, Argonne IL, April 4-7, 2006.
10. Second Mitchell Symposium on Astronomy, Cosmology and Fundamental Physics, Texas A&M University, College Station, TX, April 10 - 14, 2006.
11. Nuclear Physics Symposium: The Core of Matter, the Fuel of Stars, Argonne, IL, September 21 - 22, 2006.
12. 22th Symposium of the Hellenic Nuclear Physics Society, University of Athens, Athens, May 30-June 1, 2013 (Served as Member of the Organizing Committee).

Z. Ομιλίες και Σεμινάρια

1. Heavy-ion Projectile Fragmentation Reactions at Intermediate and High Energies. G.A. Souliotis, Chemistry Department, Michigan State University, E. Lansing, Michigan, December 1988.
2. 0-degree Measurements of Momentum Distributions of Projectile-like Residues at Intermediate Energies. G.A. Souliotis, D.J. Morrissey, N.A. Orr, B.M. Sherrill, J.A. Winger, American Physical Society Meeting, Washington DC, April 1991.
3. Study of Momentum Distributions of Projectile-like Fragments at Intermediate Energies. G.A. Souliotis, Chemistry Department, Michigan State University, E. Lansing, Michigan, April 1991.
4. Measurements of Relative Yields of Projectile-like Fragments at 0 degrees. G.A. Souliotis, D.J. Morrissey, B.M. Sherrill and J.A. Winger, American Physical Society Meeting, E. Lansing, Michigan, October 1991.
5. Differential Cross Sections of Fragmentation Products from ^{18}O and ^{40}Ar Beams at Intermediate Energy. G.A. Souliotis, D.J. Morrissey, Y. Chen, E. Kashy, B.M. Sherrill, N.A. Orr and J.A. Winger, 5th Pan-Hellenic Symposium of Nuclear Physics, University of Patras, Patras, Greece, May 1994.
6. Momentum Distributions and Cross Sections of Fragmentation Product from Intermediate Energy ^{18}O and ^{40}Ar Beams. G.A. Souliotis, **Invited Seminar**, Radiation Center, Oregon State University, Corvallis, Oregon, July 1994.

7. Heavy Residue Production from ^{197}Au Projectile Fragmentation. G.A. Souliotis, W. Loveland, K.Hanold, I. LHenry, G.J. Wozniak, A.C. Veeck, M. Hellstrom, D.J. Morrissey and J.S. Winfield, **Invited Talk**, Oregon Academy of Science, Reed College, Portland, Oregon, February 1995.
8. High Resolution Measurements of Heavy Residues from ^{197}Au Projectile Fragmentation at 20 MeV/nucleon. G.A. Souliotis, W. Loveland, K. Hanold, I. LHenry, G.J. Wozniak, A.C. Veeck, M. Hellstrom, D.J. Morrissey and J.S. Winfield, American Physical Society Meeting, Washington DC, April 1995.
9. High Resolution Studies of Heavy Residues from ^{197}Au Fragmentation at 20 MeV/nucleon. G.A. Souliotis, K. Hanold, W. Loveland, M. Hellstrom, I. LHenry, D.J. Morrissey, A.C. Veeck and G.J. Wozniak, North Regional Meeting of the American Chemical Society (NORM-96), Corvallis, Oregon, June 1996.
10. Heavy Residue Formation in Asymmetric Nuclear Collisions. G.A. Souliotis, W. Loveland, K. Hanold, I. LHenry, A.C. Veeck, G.J. Wozniak and D.J. Morrissey, American Physical Society Meeting, Cambridge, Massachusetts, October 1996.
11. Heavy Residue Formation in Intermediate-Energy Collisions of Heavy Beams. G.A. Souliotis, National Superconducting Cyclotron Laboratory (NSCL), Michigan State University, E. Lansing, Michigan, October 1996.
12. Generation of Radioactive Beams by Intermediate Energy Fragmentation of Heavy Nuclei. G.A. Souliotis, W. Loveland, G.J. Wozniak, K. Hanold, D.J. Morrissey, K.E. Zyromski, K. Aleklett, J.O. Liljenzin, 213th National Meeting of the American Chemical Society, San Fransisco, California, April 13 - 17, 1997.
13. Production of Neutron-Rich Nuclides and Radioactive Beams by Intermediate-Energy Projectile Fission of ^{238}U . G.A. Souliotis, **Invited Seminar**, Institute of Nuclear Physics, NCSR “Demokritos”, Athens, Greece, May 1997.
14. Generation of Neutron Rich-Nuclides and Radioactive Beams for Studies of the Astrophysical r-Process. G.A. Souliotis, **Invited Seminar**, Institute for Radiation Physics, University of Stuttgart, Germany, July 1997.
15. P-nuclei Production via the Nuclear Reactions $^{89}\text{Y}(p,\gamma)^{90}\text{Zr}$ and $^{93}\text{Nb}(p,\gamma)^{94}\text{Mo}$. G.A. Souliotis, S. Harissopulos, K. Spyrou, C. Chronidou, Th. Paradellis, J.W. Hammer, R. Kunz and A. Mayer, Nuclear Physics Spring Meeting, Bochum, Germany, March 16 - 20, 1998,
16. Survival of Heavy Residues and Formation of New Heavy Nuclei with Unusual N/Z Ratios at Intermediate Energy Collisions. G.A. Souliotis, W. Loveland, D.J. Morrissey and G.J. Wozniak, **Invited Talk**, 216th National Meeting of the American Chemical Society, Boston, MA, August 23 - 27, 1998.

17. Heavy Element Fragmentation - A New Path to p-rich Nuclei. G.A. Souliotis, W. Loveland, K. Hanold, G.J. Wozniak, and D.J. Morrissey, Fall Meeting of the Division of Nucl. Physics of the American Physical Society, Santa Fe, New Mexico, Oct 28-31, 1998.
18. Astrophysical Reaction Rate of $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$. Experimental Measurements and Importance to Nuclear Astrophysics. G.A. Souliotis, seminar presented at the Institute of Nuclear Physics, NCSR “Demokritos”, Athens, March 1999.
19. Intermediate-Energy Fragmentation of Heavy-Element Beams: A Novel Approach toward the Nuclear Drip-Lines. G.A. Souliotis, 10th Symposium of the Hellenic Nuclear Physics Society, NCSR Demokritos, Athens, May 27 - 28, 1999.
20. Charge and Mass Distributions of Fission Fragments from Intermediate Energy Collisions of ^{238}U Projectiles. Generation of Very Neutron-Rich Nuclei. G.A. Souliotis, W. Loveland, K.E. Zyromski, G.J. Wozniak, D.J. Morrissey, K. Aleklett and J.O. Liljenzin, International Conference on Fission and Neutron-Rich Nuclei, St. Andrews, Scotland, June 28 - July 2, 1999.
21. Formation and Studies of New Proton-Emitters via Projectile Fragmentation of Heavy-Element Beams. G.A. Souliotis, International Conference on Achievements and Perspectives in Nuclear Structure, Crete, July 11-17, 1999.
22. Fission of ^{238}U at Intermediate Energy: Rates of Neutron Rich Nuclei of Interest to r-Process Studies. G.A. Souliotis, **Invited Seminar**, Institut de Physique Nucleaire, Université Catholique de Louvain, Louvain-la-Neuve, Belgium, October 1999.
23. Intermediate-Energy Fragmentation of Heavy Beams: A New Path to Create and Study Heavy Nuclei Very far from Stability. G.A. Souliotis, **Invited Lecture**, presented at the XIII International School on Nuclear Physics, Neutron Physics and Nuclear Energy, Sept. 27 - Oct. 3, 1999, Varna, Bulgaria.
24. Fission Fragment Charge and Mass Distribution from Intermediate-Energy Collisions of ^{238}U Projectiles, G.A. Souliotis, W. Loveland, K.E. Zyromski, G.J. Wozniak, D.J. Morrissey and K. Aleklett, presented at the Fall Meeting of the Division of Nucl. Physics of the American Physical Society, Pacific Grove, California, Oct 21 - 23, 1999.
25. Fission of ^{238}U Projectiles at Intermediate Energy: Cross Sections and Production Rates of Very Neutron-Rich Nuclides. G.A. Souliotis, **Invited Seminar**, Cyclotron Institute, Texas A&M University, January 2000.
26. Rare Isotope Production around the Fermi Energy. G.A. Souliotis, M. Veselsky, L. Trache, G. Chubarian, A. Keksis, E. Martin, A. Ruangma, E. Winchester and

- S. J. Yennello, First Joint Meeting of the Nucl. Physics Divisions of the American and Japanese Physical Societies, Maui, Hawaii, October 17 - 20, 2001.
27. Rare Isotope Production around the Fermi Energy at Texas A&M. G.A. Souliotis, **Invited Talk**, presented at the 2nd EURISOL Town Meeting, Abano Terme (Padova) Italy, Jan. 24 - 25 2002.
 28. Production of Neutron-Rich Isotopes around the Fermi Energy. G.A. Souliotis, M. Veselsky, G. Chubarian, L. Trache, A. Keksis, E. Martin, A. Ruangma, E. Winchester and S. J. Yennello, presented at the Spring Meeting of the American Physical Society, Albuquerque, New Mexico, April 20 - 23, 2002.
 29. Production and Separation of Neutron-Rich Rare Isotopes below the Fermi Energy. G.A. Souliotis, M. Veselsky, G. Chubarian, S.J. Yennello, poster presented at the EMIS-14 Conference (Electromagnetic Separators and Techniques Related to their Applications), Victoria, BC, Canada, May 6-11, 2002.
 30. Neutron-Rich Rare Isotope Production. G.A. Souliotis, Colloquium, Cyclotron Institute, Texas A&M University, May 28, 2002.
 31. Isospin and Rare Isotope Production. G.A. Souliotis, **Invited Talk** presented at the Nuclear Chemistry Gordon Conference, Colby-Sawyer College, New London, NH, June 16-21, 2002.
 32. Neutron-Rich Rare Isotope Production in ^{86}Kr (25MeV/nucleon) + ^{124}Sn , ^{112}Sn Collisions. G.A. Souliotis, M. Veselsky, G. Chubarian, L. Trache, A. Keksis, E. Martin, D.V. Shetty and S.J. Yennello, presented at the Fall DNP Meeting of the American Physical Society, E. Lansing, Michigan, October 9-12, 2002.
 33. Separator Systems for Deep Inelastic Scattering with RIBs at RIA. G.A. Souliotis, **Invited talk**, presented at the Workshop on the Experimental Equipment for RIA, Oak Ridge, TN, March 18 - 22, 2003.
 34. Isotopic Scaling of Heavy Projectile Fragments from ^{86}Kr (25MeV/nucleon) + $^{124,112}\text{Sn}$ and ^{86}Kr (25MeV/nucleon) + $^{64,58}\text{Ni}$ Collisions. G.A. Souliotis, M. Veselsky, G. Chubarian, L. Trache, A. Keksis, E. Martin, D. V. Shetty and S. J. Yennello, presented in the April Meeting of the American Physical Society, Philadelphia, PA, April 5 - 8, 2003.
 35. Heavy Residue Isotopic Scaling and N/Z Equilibration. G.A. Souliotis, Colloquium, Cyclotron Institute, Texas A&M University, May 6, 2002.
 36. Neutron-Rich Rare Isotope Production around the Fermi Energy. G.A. Souliotis, M. Veselsky, G. Chubarian, L. Trache and S. J. Yennello. Talk presented at the VIII International Conference on Nucleus-Nucleus Collisions (NN03), Moscow, Russia, June 17 - 22, 2003.

37. Rare Isotope Production and Nuclear Dynamics Studies at Fermi Energies. G.A. Souliotis, **Invited Seminar**, presented at the Institute of Nuclear Physics of NCSR “Demokritos”, Athens, Greece, June 24, 2003.
38. Neutron-Rich Rare Isotope Production and Studies of the N/Z Degree of Freedom in Deep Inelastic Collisions at Fermi Energies. G.A. Souliotis, M. Veselsky, G. Chubarian, L. Trache and S. J. Yennello. Poster presented at the 6-th International Conference on Radioactive Nuclear Beams (RNB-6), Argonne National Laboratory, Argonne, IL, Sept 22 - 27, 2003.
39. Heavy Residue Isoscaling as a Probe of N/Z Equilibration. G.A. Souliotis, M. Veselsky, D.V. Shetty, A. Keksis and S.J. Yennello, presented at the Fall DNP Meeting of the American Physical Society, Tucson, AZ, Oct. 30 - Nov. 2, 2003.
40. Novel Routes to Produce Extremely Neutron-Rich Rare Isotopes. G.A. Souliotis, **Invited Seminar**, Physics Division, Argonne National Laboratory, Argonne, IL, Feb. 13, 2004.
41. Isospin and Kinematical Properties of Heavy Residues from Multifragmentation of Neutron-Rich Systems. G.A. Souliotis, M. Veselsky, A.S. Botvina, A. Keksis, E. Martin, D.V. Shetty and S.J. Yennello, presented at the April DNP Meeting of the American Physical Society, Denver, CO, May 1 - 4 2004.
42. Heavy Residues as Probes of Isospin Dynamics and Equilibration in Deep Inelastic Collisions around the Fermi Energy. G.A. Souliotis, **Invited Talk**, presented at the Nuclear Chemistry Gordon Conference, Colby--Sawyer College, New London, NH, June 13 - 18, 2004.
43. Deep-Inelastic Collisions with Accelerated Fission Fragments from the ANL Californium Source Upgrade. G.A. Souliotis, talk presented at the ATLAS User Group Meeting, Physics Division, Argonne National Laboratory, Argonne IL, July 31 2004.
44. Production of Neutron-Rich Rare Isotopes in Deep-Inelastic Collisions with Stable and Radioactive Beams. G.A. Souliotis, **Invited Seminar**, Physics Division of Oak Ridge National Laboratory, Oak Ridge, TN, August 3, 2004.
45. Probing the Density Dependence of the Nuclear Symmetry Energy via Heavy-Residue Isoscaling. G.A. Souliotis, D.V. Shetty, A.Keksis, E. Bell, M. Jandel, M. Veselsky and S.J. Yennello, presented at the Fall DNP Meeting of the American Physical Society, Chicago IL, October 27 - 30 2004.
46. Probing the Nuclear Symmetry Energy via Heavy-Residue Isoscaling. G.A. Souliotis, D.V. Shetty, A. Keksis, E. Bell, M. Jandel, M. Veselsky and S.J.

- Yennello, **Invited Talk**, presented at the 229th National Meeting of the American Physical Society, San Diego CA, March 13-17 2005.
47. Survival of Very Neutron-Rich Fragments in Multifragmentation. G.A. Souliotis, D.V. Shetty, A.Keksis, E. Bell, M. Jandel, M. Veselsky and S.J. Yennello, presented at the April Meeting of the American Physical Society, Tampa FL, April 16 - 19, 2005.
 48. Projectile Residue Studies around and below the Fermi Energy. G.A. Souliotis, **Invited Seminar**, presented at GSI, Darmstadt, Germany, September 7, 2005.
 49. Scaling of Projectile Residue Yields from Peripheral Heavy-Ion Collisions at Fermi Energies. G.A. Souliotis, D.V. Shetty, A.Keksis, M. Jandel, M. Veselsky and S.J. Yennello, Second Joint Meeting of the Nuclear Physics Divisions of the American and Japanese Physical Societies, Kapalua, Hawaii, Sept. 18 - 22 2005.
 50. Rare Isotope Beam (RIB) Capabilities Expected from the Upgrade Project of the Texas A&M Cyclotron Institute. G.A. Souliotis, **Invited Talk**, presented at the HRIBF Fusion-Fission Workshop, Oak Ridge National Laboratory, Oak Ridge TN, December 2-3, 2005.
 51. Properties of Hot Neutron-Drip-Line Nuclei formed in the Multifragmentation of Neutron-Rich Systems. Importance to Supernova Nucleosynthesis. G.A. Souliotis, **Invited Seminar**, presented at the Department of Physics of Notre Dame University, Notre Dame IN, April 3, 2006.
 52. Quasi-elastic and Deep-Inelastic Collisions with stable and re-accelerated beams at $E/A=10-20$ MeV. G.A. Souliotis, talk presented at the ATLAS User Group Meeting, Physics Division, Argonne National Laboratory, Argonne IL, April 8, 2006.
 53. Properties of Hot Neutron-Rich Nuclei Formed in Multifragmentation and their Importance to Supernova Nucleosynthesis. G.A. Souliotis, **Invited Seminar**, presented at the Department of Physics of Western Michigan University, Kalamazoo, MI, April 10, 2006.
 54. Neutron-rich rare isotope production below the Fermi energy and its application to the Texas A&M RIB upgrade. G.A. Souliotis, A.L. Keksis, B.C. Stein, M. Veselsky, M. Jandel, D.V. Shetty, S.N. Soisson, S. Wuenschel, and S.J. Yennello, poster presented at the 7th International Conference on Radioactive Nuclear Beams (RNB-7), Cortina d' Ampezzo, Italy, July 3-7, 2006.
 55. Neutron-rich rare isotope production below the Fermi energy and its application to the Texas A&M Radioactive Beam upgrade. G.A. Souliotis, **Invited Seminar**, presented at the Institute of Physics of the Slovak Academy of Science, Bratislava, July 6, 2006.

56. Properties of hot nuclear fragments formed in multifragmentation and their astrophysical implications. G.A. Souliotis, A.S. Botvina, D.V. Shetty, A.L. Keksis, M. Jandel, M. Veselsky and S.J. Yennello, talk presented at the 19th International Conference on the Application of Accelerators in Research and Industry (CAARI-2006), Fort Worth, TX, August 20 - 25, 2006.
57. Rare Isotope Production in the Fermi Energy Regime and Application to the Texas A&M RIB Upgrade. G.A. Souliotis, A. L. Keksis, B.C. Stein, M. Veselsky, M. Jandel, D.V. Shetty, S.N. Soisson, S. Wuenschel, and S.J. Yennello, **Invited Talk** presented at the 19th International Conference on the Application of Accelerators in Research and Industry (CAARI-2006), Fort Worth, TX, August 20 - 25, 2006.
58. Rare Isotope Production around and below the Fermi Energy and its Application to the Texas A&M Radioactive Beam Upgrade. G.A. Souliotis, A. L. Keksis, B.C. Stein, M. Veselsky, D.V. Shetty and S.J. Yennello, **Invited Talk**, presented at the 232nd National Meeting of the American Chemical Society, San Francisco, CA, September 10 - 14, 2006.
59. Symmetry Energy of Hot Heavy Fragments Produced in the Multifragmentation of Neutron Rich Systems at Fermi Energies. G.A. Souliotis, A.S. Botvina, D.V. Shetty, A.L. Keksis, M. Veselsky and S.J. Yennello, presented at the Fall DNP Meeting of the American Physical Society, Nashville, TN, October 25 - 28, 2006.
60. Properties of Hot Neutron-Rich Nuclei Formed in Multifragmentation and their Importance to Supernova Nucleosynthesis. G.A. Souliotis, **Invited Seminar**, presented at the Institute of Nuclear Physics of NCSR 'Demokritos', Athens, Greece, November 29, 2006.
61. Neutron-Rich Rare Isotope Production at Fermi Energies and Application to the Texas A&M Radioactive Beam Upgrade Project. G.A. Souliotis, **Invited Seminar**, presented at LNS, INFN, Catania, December 1, 2006.
62. A Large Acceptance Spectrometer for Re-accelerated Radioactive Beams of $E/A=6-25$ MeV at the US Advanced Exotic Beam Facility. G.A. Souliotis, **Invited Talk**, DNP/NSAC Town Meeting, Chicago, Jan. 19-22, 2007.
63. Neutron-Rich Rare Isotope Production in the Fermi Energy Domain and Application to the Texas A&M Radioactive Beam Upgrade. G.A. Souliotis, talk at EMIS-2007 (Int. Conference on Electromagnetic Isotope Separators and Techniques Related to their Applications) Deauville, France, June 24 - 29, 2007.
64. A large acceptance spectrometer for re-accelerated radioactive beams at the proposed Facility for Rare Isotope Beams (FRIB) in the USA. G.A. Souliotis, poster at EMIS-2007 (Int. Conference on Electromagnetic Isotope Separators and Techniques Related to their Applications) Deauville, France, June 24 - 29, 2007.

65. Large Acceptance Spectrograph Design and Deep-Inelastic Scattering. G.A. Souliotis, **Invited Talk**, presented at the “S3 (Super-Separator-Spectrometer) Collaboration” Meeting at GANIL, Caen, France, July 2 - 3, 2007.
66. Heavy Residue Studies below the Fermi Energy and the Role of the Nuclear Symmetry Energy. G.A. Souliotis, D.V. Shetty and S.J. Yennello, **Invited Talk**, presented at the 234th National Meeting of the American Chemical Society, Boston, MA, August 19 - 23, 2007.
67. Heavy Residue Studies near the Fermi Energy and the Role of the Nuclear Symmetry Energy. G.A. Souliotis, D.V. Shetty and S.J. Yennello, **Invited Talk**, presented at the International Conference on Nuclear Fragmentation (NUFRA-2007), Antalya, Turkey, September 24 - 30, 2007.
68. Microscopic calculations of heavy-residue formation in quasi-elastic and deep-inelastic collisions below the Fermi energy. G.A. Souliotis, D.V. Shetty, S. Galanopoulos, S.J. Yennello, talk presented at the Fall DNP Meeting of the American Physical Society, Newport News, VA, October 10 - 13, 2007.
69. Probing the Nuclear Equation of State with Peripheral Collisions at Fermi Energies. G.A. Souliotis, **Invited Talk**, 17th Symposium of the Hellenic Nuclear Physics Society, University of Ioannina, Ioannina, May 30-31, 2008.
70. Probing the Extremes of the Nuclear Landscape with Peripheral Collisions at Fermi Energies, G.A. Souliotis, **Invited Seminar**, Institute of Physics, Bratislava, June 10, 2008.
71. Probing the Extremes of the Nuclear Landscape and the Nuclear Equation of State with Peripheral Heavy-Ion Collisions at Fermi Energies. G.A. Souliotis, **Invited Lecture**, 6th Balkan School on Nuclear Physics, Troyan, Bulgaria, 17-24 September 2008.
72. Studies of the Nuclear Landscape and the Nuclear Equation of State using Peripheral Collisions near the Fermi Energy. G.A. Souliotis, **Invited Talk**, 18th Symposium of the Hellenic Nuclear Physics Society, INP/NCSR “Demokritos”, 29-30 May 2009.
73. Studies of the Nuclear Landscape and the Nuclear Equation of State using Peripheral Collisions near the Fermi Energy. G.A. Souliotis, **Invited Lecture**, XVIII International School of Nucl. Physics, Varna, Bulgaria, Sept. 21-27 2009.
74. Studies of Heavy Residues from Peripheral Collisions near the Fermi Energy and the Nuclear Equation of State. G.A. Souliotis, **Invited Talk**, 2nd International Conference on Nuclear Fragmentation: from Basic Research to Applications, NUFRA-2009, Antalya, Turkey, Sep. 27 – Oct. 4, 2009.

75. Studies of the Nuclear Landscape and the Nuclear Equation of State using Peripheral Heavy-Ion Collisions at Fermi Energies. G.A. Souliotis, **Invited Seminar**, Department of Physics, Aristotle Univ. of Thessaloniki, Oct. 20, 2009.
76. Studies of the Dynamics/Thermodynamics of Nuclei and Exploration of the Limits of Nuclear Stability. G.A. Souliotis, **Invited Seminar**, Department of Chemistry, National and Kapodistrian University of Athens, January 18, 2010.
77. Neutron-Rich Rare-Isotope Production in Peripheral Heavy-Ion Collisions in the Energy Range of 15 MeV/nucleon. G.A. Souliotis, **Invited Talk**, 19th Symposium of the Hellenic Nuclear Physics Society, Thessaloniki, May 28-29, 2010.
78. Approaching Neutron-Rich Nuclei toward the R-process Path in Peripheral Heavy-Ion Collisions at 15 MeV/nucleon. G.A. Souliotis, **Invited Talk**, 20th Symposium of the Hellenic Nucl. Physics Society, NTUA, Athens, May 27-28, 2011.
79. Production of Neutron-Rich Nuclei towards the R-process Path in Peripheral Heavy-Ion Collisions at 15 MeV/nucleon. G.A. Souliotis, **Invited Seminar**, Cyclotron Institute, Texas A&M Univ., College Station, Texas, Aug. 16, 2011.
80. Approaching neutron-rich nuclei towards the r-process path in deep-inelastic collisions at 15 MeV/nucleon. G.A. Souliotis, **Invited Talk** presented at the 3^d International Conference on Nuclear Fragmentation (NUFRA-2011), Antalya, Turkey, October 2-9, 2011.
81. Approaching r-process path nuclei in peripheral heavy-ion collisions at 15 MeV/nucleon. G.A. Souliotis, **Invited Talk** presented at the Dynamical Aspects of Nuclear Fission (DANF-2011), Smolenice, Slovakia, October 17-21, 2011.
82. Studies of the process of N/Z equilibration in peripheral heavy-ion collisions at 15 MeV/nucleon. G.A. Souliotis, **Invited Talk**, 21st Symposium of the Hellenic Nuclear Physics Society, NCSR 'Demokritos', Athens, May 27-28, 2012.
83. Studies of N/Z equilibration via heavy-residue isoscaling. G.A. Souliotis, **Invited Talk**, to be presented at the International Workshop on Nuclear Dynamics and Thermodynamics (in honor of Prof. Joe Natowitz), Physics Department, Texas A&M University, College Station, Texas, 19-22 Aug. 2013.
84. Production of Neutron-Rich Nuclei toward the R-process Path in Peripheral Heavy-Ion Collisions in the Energy Range 15-25 MeV/nucleon. G.A. Souliotis, **Invited Talk**, to be presented at the ISTROS Conference, Bratislava, Slovakia, September 23-27, 2013.
85. Studies of the process of N/Z equilibration in peripheral and semiperipheral heavy-ion collisions at 15 MeV/nucleon G.A. Souliotis, **Invited Talk** to be presented at the 4th International Conference on Nuclear Fragmentation: from Basic Research to Applications (NUFRA-2013), Kemer (Antalya), Turkey, Sep. 30-Oct. 6, 2013.