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January 1, 2012

Research Interest

Applied Analysis and Applied Mathematics, in particular inverse problems in acoustic, electromagnetic, thermo-elastic scattering theory, inverse boundary value problems, integral equations and variational methods.

Education

- Ph.D. in Mathematics, University of Patras/University of Tirana, 1996
- M.S. in Mathematics, University of Tirana, 1990
- Diploma in Mathematics (honor's program) University of Tirana, 1987

Employment

- University of Delaware, USA, 2010 - present
Professor, Department of Mathematical Sciences
- Ecole Polytechnique, France, Fall 2011
CNRS Visiting Researcher, Centre de Mathématiques Appliquées
- University of Delaware, USA, 2006 - 2010
Associate Professor, Department of Mathematical Sciences

- University of Delaware, USA, 2002 - 2006
Assistant Professor, Department of Mathematical Sciences
 - University of Delaware, USA, 2000 - 2002
GIG NSF postdoctoral fellow, Department of Mathematical Sciences
 - University of Stuttgart, Germany, 1998 - 2000
Alexander von Humboldt Research Fellow, Mathematics Institute A/6
 - University of Tirana, Albania, 1996 - 1998 Lecturer, Faculty of Natural Sciences,
Department of Mathematics
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Short Academic Visits

- Wright-Patterson Air Force Base Dayton, Ohio, January 2011.
- Mathematical Sciences Research Institute (MSRI), Berkley, California, August, November 2010
Invited Research Member
- University of Minnesota, USA, January 2010
MTS Visiting Professor of Geomechanics
- University of Tokyo, Japan, January 2009
Visiting Researcher
- DeFi Project, CMAP, Ecole Polytechnique, Paris, France, November 2007, August 2008, April 2009, June 2009, April 2010, May 2010, November 2010, April 2011, June 2011
Visiting Researcher
- University of Göttingen and University of Karlsruhe, Germany, July 2007
Alexander von Humboldt Fellow
- Politecnico di Milano, Italy, December 2006
Visiting Researcher

- INRIA, Roconquer Paris, France, June 2004, April 2005, November 2006
Visiting Researcher
 - University of Göttingen, Germany, March - April 2005
Alexander von Humboldt Fellow
 - University of Rennes, France, June - July, 2004
Visiting Professor (Maitres de Conference), IRMAR
 - Mathematical Sciences Research Institute (MSRI), Berkley, California, August 2001
Invited Visitor
 - University of Bielefeld, Germany, August - November 1996
DAAD Research Fellow
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Grants and Awards

1. NSF Grant, PI, August 2011 - July 2013.
2. AFOSR Research Grant, Co-PI, July 2011- June 2013.
3. INRIA-DeFI Associate Team Grant, PI, 2008-2013, Ecole Polytechnique, Paris, France.
4. AFOSR Research Grant, Co-PI, 2008- 2011.
5. Consultant for the AFL Research Grant at Delaware State University, Summer 2009.
6. NSF Grant for the IMA Graduate Summer School, University of Delaware, June 15-July 3, 2009.
7. AFOSR Research Grant, 2005-2007.
8. Alexander von Humboldt Senior Research Fellowship, 2007, University of Göttingen and University of Karlsruhe, Germany.
9. AFOSR Research Grant, 2002-2004.
10. Alexander von Humboldt Senior Research Fellowship, 2005.
11. Alexander von Humboldt Research Fellowship, 1998-2000.

12. TEMPUS European Community Grant, 1996-1997.
 13. COPERNICUS Research Scholar: European Community Grant, 1993-1994.
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Publications

Book

1. F.Cakoni, D.Colton and Peter Monk, *The Linear Sampling Method in Inverse Electromagnetic Scattering*, CBMS-NSF Regional Conference Series in Applied Mathematics **80**, SIAM Publications, 2011.
2. F.Cakoni and D.Colton, *Qualitative Methods in Inverse Scattering Theory*, Springer, Series on Interaction of Mechanics and Mathematics, 2006.

Book Chapters

3. F.Cakoni and H. Haddar, Transmission Eigenvalues in Inverse Scattering Theory, in *Inside Out 2*, G. Uhlmann Ed. MSRI Publications (to appear).

Research Papers in Refereed Journals

4. F. Cakoni, D. Colton and H. Haddar, The interior transmission eigenvalue problem for absorbing media, (submitted).
5. F. Cakoni, A. Cossonniere and H. Haddar, Transmission eigenvalues for inhomogeneous media containing obstacles, (submitted).
6. C. Bellis, F. Cakoni and B. Guzina, Nature of the transmission eigenvalue spectrum for elastic bodies, *IMA Journal of Applied Mathematics* (in print).
7. F. Cakoni, M. Di Cristo and J. Sun, A multistep reciprocity gap functional method for the inverse problem in a multi-layered medium, *Complex Variables and Elliptic Equations* (in print).
8. F. Zheng, F. Cakoni and J. Sun, An inverse electromagnetic scattering problem for cavity, *Inverse Problems*, **27**, No 12, paper 125002 (2011).
9. HH. Qin and F. Cakoni, Nonlinear integral equations for shape reconstruction in the inverse interior scattering problem, *Inverse Problems*, **27**, No 3, paper 035005, (2011).

10. F. Cakoni, R. Kress and C. Schuft, Simultaneous reconstruction of shape and impedance in corrosion detection, *Methods and Applications of Analysis*, **17**, No 4, 357-378 (2010).
11. F. Cakoni and P. Monk, The Determination of anisotropic surface Impedance in electromagnetic scattering, *Methods and Applications of Analysis*, **17**, No 4, 379-394 (2010).
12. B. Guzina, F. Cakoni and C. Bellis, On multi-frequency obstacle reconstruction via linear sampling method, *Inverse Problems*, **26**, No 12, paper 125005, (2010).
13. F. Cakoni, D. Colton and D. Gintides, The interior transmission eigenvalue problem, *SIAM J. Math. Analysis*, **42**, no 6, 2912-2921, (2010).
14. F. Cakoni, R. Kress and C. Schuft, Integral equations for shape and impedance reconstruction in corrosion detection, *Inverse Problems*, **26**, No 9, paper 095012 (2010).
15. F. Cakoni and A. Kirsch, On the interior transmission eigenvalue problem, *Int. Jour of Comp. Sci. Math*, **3**, No 1-2, 142-167 (2010).
16. F. Cakoni, D. Colton and P. Monk, The determination of boundary coefficients from far field measurements, *J. Integral Equations and Applications*, **42**, No 2, 167-191 (2010).
17. F. Cakoni, D. Colton, P. Monk and J. Sun, The inverse electromagnetic scattering problem for anisotropic media, *Inverse Problems*, **26**, No 7, paper 074004 (2010).
18. F. Cakoni, G. Gintides and H. Haddar, The existence of an infinite discrete set of transmission eigenvalues, *SIAM Journal of Mathematical Analysis*, **42**, No 1, 237-255 (2010).
19. F. Cakoni, D. Colton and H. Haddar, On the determination of Dirichlet and transmission eigenvalues from far field data, *Comptes Rendus Mathematique*, **348**, No 7-8, 379-383 (2010).
20. F. Cakoni, D. Colton and H. Haddar, The interior transmission problem for regions with cavities, *SIAM Journal of Mathematical Analysis*, **42**, No 1, 145-162 (2010).

21. F. Cakoni, G. Nakamura, M. Sini and N. Zeev, The identification of a partially coated dielectric medium from far field measurements, *Applicable Analysis*, **89**, No 1, 29-47 (2010).
22. F. Cakoni and D. Gintides, New results on transmission eigenvalues, *Inverse Problems and Imaging* **4**, No 1, 39-48 (2010).
23. F. Cakoni and H. Haddar, On the existence of transmission eigenvalues in an inhomogeneous medium, *Applicable Analysis*, **88** no 4, 475-493 (2009).
24. F. Cakoni, D. Colton and H. Haddar, The computation of lower bounds for the norm of the index of refraction in an anisotropic media, *J. Integral Equations and Applications*, **21** 203-227 (2009).
25. N. Zeev and F. Cakoni, The identification of thin dielectric objects from far field and near field scattering data, *SIAM J. Appl. Math.*, **69** 1024-1042 (2009).
26. F. Cakoni, D. Colton and M. Cayoren, Transmission eigenvalues and the nondestructive testing of dielectrics, *Inverse Problems*, **26**, paper 065016 (2008).
27. F. Cakoni and D. Colton, Inequalities in inverse scattering theory, *J. Inverse and Ill-Posed Problems*, **15** 483-491 (2007).
28. F. Cakoni and H. Haddar, A variational approach for the solution of electromagnetic interior transmission problem for anisotropic media, *Inverse Problems and Imaging* **1**, No 3, 443-456 (2007).
29. F. Cakoni, D. Colton and P. Monk, On the use of transmission eigenvalues to estimate the index of refraction from far field data, *Inverse Problems*, **23** 507-522 (2007).
30. F. Cakoni and R. Kress, Integral equations for inverse problems in corrosion detection from partial Cauchy data, *Inverse Problems and Imaging*, **1**, No 2, 299-345 (2007).
31. F. Cakoni and H. Haddar, Identification of partially coated anisotropic buried objects using electromagnetic Cauchy data, *J. Integral Equations and Applications*, **19**, No 3, 361-391 (2007).
32. F. Cakoni, D. Colton and P. Monk, The inverse electromagnetic scattering problem for a partially coated dielectric, *J. Comput. Appl. Math.* **204**, 256-267 (2007).

33. F. Cakoni, Recent developments in the qualitative approach to inverse electromagnetic scattering theory, *J. Comput. Appl. Math.* **204**, 242-255 (2007).
34. F. Cakoni and D. Colton, Target identification of buried coated objects, *J. Comput. Appl. Math.*, **25** No 2-3, 269-288 (2006).
35. F. Cakoni, MB. Fares and H. Haddar, Analysis of two linear sampling methods applied to electromagnetic imaging of buried objects, *Inverse Problems*, **22**, 845-867 (2006).
36. F. Cakoni, G. Hsiao and W. Wendland, Boundary integral equation method for a mixed boundary value problem for the biharmonic equation, *Complex Variables*, **50**, 681-696 (2005).
37. F. Cakoni and D. Colton, Open problems in the qualitative approach to inverse electromagnetic scattering theory, *European Jour. Appl. Math.*, **16**, 1-15 (2005).
38. F. Cakoni, D. Colton and P. Monk, The determination of the surface conductivity of a partially coated dielectric, *SIAM J. Appl. Math.*, **65**, No.3, 767-789 (2005).
39. F. Cakoni and E. Darrigrand, The inverse electromagnetic scattering problem for a mixed boundary value problem for screens, *J. Comput. Appl. Math.*, **174**, 251-269 (2005).
40. F. Cakoni, D. Colton and P. Monk, The electromagnetic inverse scattering problem for partially coated Lipschitz Domains, *Proc. Royal. Soc. Edinburgh*, **134A**, 661-682 (2004).
41. F. Cakoni and D. Colton, A target signature for distinguishing perfect conductors from anisotropic media of finite conductivity, *Math. Comp. Sim.* **66**, No 4-5, 325-335 (2004).
42. F. Cakoni and D. Colton, The determination of the surface impedance of a partially coated obstacle from far field data, *SIAM J. Appl. Math.*, **64**, 709-723 (2004).
43. F. Cakoni and D. Colton, A uniqueness theorem for an inverse electromagnetic scattering problem in inhomogeneous anisotropic media, *Proc. Edinburgh Math. Soc.*, **46**, 293-314 (2003).

44. F. Cakoni, D. Colton and E. Darrigrand, The inverse electromagnetic scattering problem for screens, *Inverse Problems*, **19**, 627-642 (2003).
45. F. Cakoni and D. Colton, The linear sampling method for cracks, *Inverse Problems*, **19**, 279-295 (2003).
46. F. Cakoni and D. Colton, On the mathematical basis of the linear sampling method, *Georgian Mathematical Journal, Kupradze's special issue*, **10**, No 3, 411-425 (2003).
47. F. Cakoni and D. Colton, Combined far field operators in electromagnetic inverse scattering theory, *Math. Meth. Appl. Sci.*, **26**, No. 5, 413-429 (2003).
48. M. Bochniak and F. Cakoni, Domain sensitivity analysis of the elastic far-field patterns in scattering from nonsmooth obstacles, *J. Math. Anal. Appl.*, **272**, No.1, 318-334 (2002).
49. F. Cakoni, D. Colton and H. Haddar, The linear sampling method for anisotropic media, *J. Comput. Appl. Math.*, **146**, 285-299 (2002).
50. M. Bochniak and F. Cakoni, Domain sensitivity analysis of the acoustic far-field pattern, *Math. Meth. Appl. Sci.*, **25**, 595-613 (2002).
51. F. Cakoni, D. Colton and P. Monk, The direct and inverse scattering problems for partially coated obstacles, *Inverse Problems*, **17**, 1997-2015 (2001).
52. F. Cakoni, Boundary integral method for thermoelastic screen scattering problem in R^3 , *Math. Meth. Appl. Sci.*, **23**, 441-466 (2000).
53. F. Cakoni and G. Dassios, The Atkinson-Wilcox theorem in thermoelasticity, *Quart. Appl. Math.*, **LVII**, N.4, 711-795 (1999).
54. F. Cakoni and G. Dassios, The coated thermoelastic body within a low-frequency elastodynamic field, *Int. J. Ingng. Sci.*, **36**, 1815-1838 (1998).

Refereed Conference Proceedings

55. F. Cakoni and D. Colton Inverse Problems and Imaging: Past, Present and Future *UNESCO Project* (to appear).

56. F. Cakoni, Inhomogeneous media identification, in *Encyclopedia of Applied and Computational Mathematics* (to appear).
57. F. Cakoni, On the existence of an infinite set of transmission eigenvalues, in *Albanian Journal of Natural and Technical Sciences (AJNTS)*, **28**, 3-14 (2010)..
58. F. Cakoni, D. Colton and D. Gintides, The interior transmission problem, *Mathematical Methods in Scattering Theory and Biomedical Engineering*, World Scientific Publishing, 368-380 (2010).
59. F. Cakoni and D. Colton The inverse scattering problem for anisotropic media, *Mathematical Methods in Scattering Theory and Biomedical Engineering*, World Scientific Publishing, 21-31 (2008).
60. F. Cakoni, D. Colton and H. Haddar Inverse scattering for anisotropic media, in *Proceedings of the 8th International Conference on Mathematical and Numerical Aspects of Waves*, University of Reading, 150-152 (2007).
61. F. Cakoni and P. Monk, The 3D inverse electromagnetic scattering problem for a coated dielectric' *Numerical Mathematics and Advance Applications* Springer, 119-135 (2006).
62. F. Cakoni and H. Haddar, A new linear sampling method for the electromagnetic imaging of buried objects, *Mathematical Methods in Scattering Theory and Biomedical Engineering* World Scientific Publishing, 19-30 (2006).
63. F. Cakoni and E. Darrigrand, Linear sampling method for the inverse electromagnetic scattering problem for screens, *Proc. Appl. Math. Mech.* **5**, 645-646 (2005).
64. F. Cakoni and D. Colton, Mixed boundary value problems in inverse electromagnetic scattering, *Advances in Scattering and Biomedical Engineering*, World Scientific Publishing, 60-70 (2004).
65. F. Cakoni and H. Haddar, Interior transmission problem for anisotropic media, *Mathematical and Numerical Aspects of Wave Propagation*, Springer Verlag, 613-618 (2003).

66. F. Cakoni and G. Hsiao, Mathematical model of the interaction problem between electromagnetic field and an elastic body, *Acoustics, Mechanics, and Related Topics of Mathematical Analysis*, 48-54 (2003).
67. M. Bochniak and F. Cakoni, Domain sensitivity analysis of the elastic far-field patterns. Scattering from nonsmooth obstacles, *IUTAM Symposium on Diffraction and Scattering in Fluid Mechanics and Elasticity*, Kluwer Academic Publishers, 217-226 (2002).
68. M. Bochniak and F. Cakoni, Domain sensitivity analysis for acoustic scattering problems, *Mathematical and Numerical Aspects of Wave Propagation*, SIAM Publications, Philadelphia, 450-454 (2000).
69. F. Cakoni, Dense sets and far-field patterns for the vector thermoelastic equation, *Equadiff 9 Proceedings*, 73-82 (1998).

Technical Reports (accessible online)

70. F.Cakoni and H.Haddar, The linear sampling method for anisotropic media: Part 2, Preprint 2001/26, MSRI Berkeley, California, (2001).
71. M.Bochniak and F.Cakoni, The method of adjoint problems for the domain sensitivity analysis of the acoustic far-field pattern, (3D domains with smooth edges), Preprints 2000/13, Sonderforschungsbereich 404, Mathematisches Institut A, University of Stuttgart, (2000).

Editor

- F.Cakoni, H. Haddar and M. Piana, Guest Editors for the Special Issue of Inverse Problems and Imaging, **3**, no 2 (2009) (*dedicated to David Colton and Rainer Kress*).

Editorial Work

- On the editorial board of the Journal of Integral Equations and Applications.
 - On the editorial board of the Bulletin of Mathematical Analysis and Applications.
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Presentations

Invited Plenary Speaker

1. Pierre-Louis Lions Seminar on Partial Differential Equations and Applications, College de France, December 2, 2011.
2. Workshop on Numerical Electromagnetics and Industrial Applications, University of Santiago de Compostela, Santiago de Compostela, October 25-28, 2011.
3. Inverse Problems in Analysis and Geometry, Isaac Newton Institute for Mathematical Sciences, University of Cambridge, UK, August 1-5, 2011.
4. Workshop on Future Direction in Applied Mathematics, NC State University, March 10-11, 2011.
5. Inverse Problems: Theory and Applications, MSRI, Berkeley, November 8-12, 2010.
6. 9th International Workshop on Mathematical Methods in Scattering Theory and Biomedical Engineering, Patras, Greece 9-11 October, 9-11, 2009.
7. Inverse Problems: Recent Progress and new Challenges, BIRS, Banff, Canada, November 16-21, 2008.
8. International Conference on Inverse Problems and its Applications, Fudan University, Shanghai, China, October 9-12, 2008.
9. First Workshop on Solution Methodologies for Direct and Inverse Scattering Problems, Universite de Pau et des Pays de l'Adour, France, December 12-14, 2007.
10. 8th International Workshop on Mathematical Methods in Scattering Theory and Biomedical Engineering, Lefkada, Greece, September 27-30, 2007.
11. Inverse Problems in Wave Scattering, Oberwolfach, Germany, March 4-10, 2007.
12. Inverse Problems and Applications, BIRS, Banff, Canada, August 19-24, 2006.
13. Advances in Computational Scattering, BIRS, Banff, Canada, February 18-23, 2006.

14. 7th International Workshop on Mathematical Methods in Scattering Theory and Biomedical Engineering, Nymphaio, Greece, September 8-11, 2005.
15. 5th Workshop on Computational and Analytic Problems in Spectral Theory, Gregynog, Wales, July 24-29, 2005.
16. 7th International Conference on Mathematical and Numerical Aspects of Waves (WAVES'05), Brown University, RI, USA, June 20-24, 2005.
17. Conference on Perspectives in Inverse Problems, Helsinki, Finland, May 31-June 5, 2004.
18. 6th International Workshop on Mathematical Methods in Scattering Theory and Biomedical Engineering, Tsepelovo, Greece, September 17-21, 2003.
19. Analytic and Geometric Methods in Inverse Problems, Helsinki, Finland, August 25-29, 2003.
20. School on Direct and Inverse Scattering Problems, INRIA Paris, France, January 27-31, 2003.

Invited Colloquium and Minisymposium Talks

21. Colloquium at CMAP, Ecole Polytechnique December 6, 2011.
22. Colloquium at POEMS, INRIA, Rocquencourt, Paris October 20, 2011.
23. Invited talk at a minisymposium in AIP Conference, Texas AM University, May 23-27, 2011.
24. Colloquium at Purdue University, Department of Mathematics, April 29, 2011
25. Colloquium at Wright State University, Department of Mathematics, January 14, 2011.
26. Colloquium at Case Western Reserve University, Department of Mathematics, October 29, 2010.
27. QNDE Conference (keynote speaker in the Electromagnetic Inverse Scattering session), San Diego California, July 18-23, 2010.

28. IV European Conference on Computational Mechanics, Paris, France, May 16-21, 2010.
29. SIAM Conference on Imaging Science, Chicago, April 12-14, 2010.
30. Colloquium at the University of Minnesota, Department of Civil Engineering, January 29, 2010.
31. 9th International Conference on Mathematical and Numerical Aspects of Waves Propagation, Pau, France, June 15-19, 2009.
32. Colloquium at the University of Tokyo, Department of Mathematics, Japan, January 30, 2009.
33. Invited talk at the workshop on High-order Methods for Computational Wave Propagation and Scattering, American Institute of Mathematics, Palo Alto, California, September 10-14, 2007.
34. Invited talk at the Applied Mathematics Summer Workshop, Delaware State University, August 24-26, 2007.
35. Invited talk at the Unifying Themes Workshop, Northeastern University, Boston, August 21-22, 2007.
36. Colloquium, NAM, University of Goettingen, Germany, July 10, 2007.
37. Invited mini-symposium talk at the Conference on Applied Inverse Problems, UBC Vancouver, Canada, June 25-29, 2007.
38. Invited Talk, AMS Special Session, University of Arizona, April 21-22, 2007.
39. Colloquium at the University of Trento, Italy, March 13, 2007,
40. Colloquium at Politecnico di Milano, Italy, December 18, 2006.
41. Colloquium at Oakland University, Michigan, December 6, 2006.
42. Colloquium at Penn State University, College State, April 10, 2006.
43. Two invited minisymposium talks at PIERS 2006, Boston, March 26-29, 2006.

44. Second Conference on Frontiers in Applied and Computational Mathematics, NJIT, May 13-15, 2005.
45. Colloquium at INRIA, Paris, France, April 20, 2005.
46. Colloquium at NAM, University of Göttingen, Germany, April 12, 2005.
47. Colloquium at the University of Delaware, March 18, 2005.
48. Invited talk at the Workshop on Inverse Problems, Rensselaer Polytechnic Institute, April 6-8, 2004.
49. Two invited minisymposium talks at Applied Inverse Problems: Theoretical and Computational Aspects, UCLA Lake Arrowhead Conference Center, May 18-23, 2003.
50. Invited talk at the AMS Electromagnetic Special Session, Courant Institute, New York, April 12-13, 2003.
51. NSF-CBMS Regional Conference Numerical Methods in Forward and Inverse Electromagnetic Scattering, Colorado School of Mines, Golden, Colorado, June 3-7, 2002.
52. IUTAM Symposium on Diffraction and Scattering in Fluid Mechanics and Elasticity, Manchester, England, July 16-20, 2000.
53. Fifth International Conference on Mathematical and Numerical Aspects of Wave Propagation, Santiago de Compostela, Spain, July 10-14, 2000.
54. Conference on Analysis and Mathematical Physics in Honor of Lars Garding Lund, Sweden, August 16-20, 1999.
55. Conference on Differential Equations and their Applications, (Equadiff 9), Masaryk University, Brno, Czech Republic, August 25-29, 1997.

Advisement

Current Graduate Student

- Nicolas Chaulet french student, jointly with Housseem Haddar.

Past Graduate Students

- Noam Zeev, PhD student graduated in August 2008, currently tenure track assistant professor at Old Dominion University.
- Anne Cossonniere french student, jointly with Housseem Haddar (Graduated in December 2011).

Co-advising of international students

- Hai-Hua Qin, Ph.D. student from China, September 2009-August 2010.
- Christian Schuft, Ph.D. student from the University of Göttingen, Spring 2008, June 2009.
- Mehmet Cayoren, Ph.D. student from Istanbul Technical University, 2007-2008.

Recent Professional Activities

1. Scientific expert in the Scientific Advisory Board of the Finnish Centre of Excellence in Inverse Problems, 2012-2017.
2. Director of UD team, INRIA-DeFI Associate Team Grant, CMAP, Ecole Polytechnique, Paris, France, 2008-2013.
3. On the scientific committee of the Waves 2011 Conference, Vancouver, Canada, June 25-29, 2011.
4. Organizer of a minisymposium at the Conference on Applied Inverse Problems, Texas AM, May 23-27, 2011.
5. Co-organizer of the International Waves MMNS Workshop on Inverse Problems for Waves: Methods and Applications, Ecole Polytechnique, Paris, France, March 29-30, 2010.
6. Organizer of a minisymposium at the Conference on Applied Inverse Problems, Vienna, Austria, July 20-24, 2009.

7. Co-organizer of IMA Graduate Summer School on Inverse Problems, June 15 - July 3, 2009, University of Delaware, USA.
8. On the scientific committee of the Waves 2009 Conference, Pau, France June 15-19, 2009.
9. NSF panelist (several times).
10. Co-organizing the International Conference on Inverse Scattering Problems: Honoring D. Colton and R. Kress, May 8-10, 2008, Sestri Levante, Italy.
11. Organizer of a minisymposium at the Conference on Applied Inverse Problems 2007, June 25-29, 2007, British Columbia, Canada.
12. Regular reviewer for major journals in my research area including Inverse Problems, Inverse Problems and Imaging, SIAM Journal of Applied Mathematics, SIAM Journal of Mathematical Analysis, SIAM Journal of Scientific Computing, Journal of Integral Equations and Applications, etc.