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Introduction of new members of ISAAC:

Abdeljawad, Ahmed

Currently PhD student in the conjoint program between the University of Turin and Polytechnic of Turin since October 2015, under the supervision of Prof. Sandro Coriasco. Twice research visiting (Vaxjö, Sweden) for collaborations with Prof. Joachim Toft. Main research interests: Generalized functions, microlocal and time frequency analysis.

Ameur, Yacin

Was born in 1972 in Uppsala, Sweden. Received his Ph.D from Uppsala University in 2002 (thesis about functional analysis, "Interpolation of Hilbert Spaces"). Now he is working on problems related to potential theory and statistical mechanics. He is employed as a lecturer (associate professor) at Lund University, since 2012.

Anh, Dao Tuan

– Current Position: PhD student at Institut of Applied Analysis, Faculty of Maths and Computer Science (TU Bergakademie Freiberg, Germany), Lecturer at School of Applied Mathematics and Informatics (Hanoi University of Science and Technology, Vietnam).
– Education: Bachelor of Science of Honor program in Faculty of Informatics and Mathematics (Hanoi National University of Education, Vietnam) Master of Science in Applied Mathematics (Hanoi University of Science and Technology, Vietnam).
– Research Subjects: Partial Differential Equations, Simulation and Modeling in Biomathematics.

Aslan, Halit Sevki

2007-2011: BSc. Van Yuzuncu Yil University, Turkey
2011-2013: MSc. Van Yuzuncu Yil University, Turkey
       Supervisor: Prof.Dr.Esin Inan Cinar
2013-2017: Erasmus+ Exchange program from Dicle University, Diyarbakir, Turkey
       Prof.Dr.Necat Polat
2017-present: PhD student at Institute of Applied Analysis, TU Bergakademie Freiberg, Germany

Atanasova, Sanja

Was born on 15.11.1985 in Strumica, Macedonia. She graduated in 2008 from undergraduate studies in Mathematics, obtained her Master degree in 2010, and finished her doctoral studies in Mathematics in 2014. Until now, she works at the Faculty of Electrical Engineering and Information Technology, Ss. Cyril and Methodius University in Skopje, Macedonia. She is author and co-author of more than 20 papers, and has been actively participating in numerous conferences. She has been researcher in six national and bilateral projects.

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Bakhtigareeva, Elza

Ph.D., Mathematics, RUDN University, Russia,
Specialization: Functional analysis
Dissertation: Optimal embeddings of cones of functions with monotonicity properties and their applications
Dissertation Advisor: Goldman M. L., Doctor of Sc., Full Professor
M. Sc., Mathematics, RUDN University, Russia, 2014
Specialization: Functional analysis
PhD Thesis: An optimal Banach function space containing a given cone of nonnegative functions
PhD Thesis Advisor: Goldman M. L., Doctor of Sc., Full Professor
B.Sc., Mathematics, RUDN University, Russia, 2012
Interests: Mathematical analysis and applications: theory of function spaces, integral inequalities, embedding theorems.

Barrera-Figueroa, Victor

Earned his PhD degree in Mathematics under the supervision of Prof.Dr.V.V.Kravchenko in 2013.
He is employed at the National Polytechnic Institute (IPN) of Mexico.
His research interests are: methods of mathematical physics, numerical methods in electrodynamics, spectral methods in quantum mechanics, propagation of waves in complex media, Sturm-Liouville problems, boundary value problems for elliptic equations.
In Mexico, he is a fellow of the National Research System (SNI), of the Mathematical Society and the Society of Physics.

Cappiello, Marco

Obtained his Master degree from University of Bologna in 1998. He was PhD student at the University of Torino under the supervision of Professor Luigi Rodino and obtained his PhD degree in 2004. He spent four years as researcher at the University of Ferrara (2004-2008) and 6 months as visiting professor at the University of Paris VI in 2009. He is author of about 40 research papers published in international journals. He is currently Associate Professor at the Department of Mathematics of the University of Torino. His main scientific interests are microlocal analysis and partial differential equations.

Chen, Wenhui

He is a Ph.D student at Institute of Applied Analysis, Technical University Bergakademie Freiberg.
He mainly studies partial differential equations, especially elastic waves.
He received Bachelor degree from Guangdong University of Finance in 2017.
From 09.2017-12.2017, he visited the Institute of Applied Analysis in Freiberg.

Dalarsson, Mariana

Mariana Dalarsson (Dr'16, MSc'10) is a researcher in Physics and Electromagnetic Theory, at the Department of Physics and Electrical Engineering at Linnaeus

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University, Sweden. Marianas research interests include electromagnetic scattering and absorption, inverse problems, electromagnetics of stratified media, double-negative metamaterials, mathematical physics, etc. She is the author of about 45 peer-reviewed publications, including 20 journal papers. Mariana also teaches courses in physics, electromagnetic theory and special functions. She is the (shared) second youngest woman ever to have received a PhD degree from the KTH Royal Institute of Technology, Sweden.

da Luz, Cleverson Roberto

Education: Doctor in Mathematics, Federal University of Rio de Janeiro - Brazil (2009), Current position: Associate Professor, University of Santa Catarina, Department of Mathematics, Research Interests in Partial Differential Equations: Existence and Uniqueness of Solutions, Asymptotic Behavior, Exact Controllability.

Dalla Riva, Matteo

Matteo Dalla Riva graduated in 2004 at the University of Padova, Italy, where he has also achieved his PhD in 2008. After that he had research fellowships in Italy (Padova 2008-2010) and Portugal (Porto 2010-20111 and Aveiro 2011-2015). Since 2015 he is an assistant professor at the University of Tulsa, Oklahoma. His research is focused on the study of singular domain perturbations for elliptic boundary value problems. In particular, he is one of the main contributors to the development of a functional analytic approach which is in some sense alternative to the classical expansions methods of asymptotic analysis.
He has also published papers in different topics such as nonlinear analysis, spectral theory, dynamical systems, hypercomplex analysis, and fractional calculus.

Djaouti, Abdelhamid Mohammed

2002, Baccalaureat, ElBordj school, Algeria.
2006, Bachelor, University Es Senia Oran, Algeria.
2010, Magister, University Tahar Moulay, Saida, Algeria.
 2018, PhD, TU Bergakademie, Freiberg, Germany.

Fujiwara, Kazumasa

Japanese postdoctral researcher working at Centro di Ricerca Matematica Ennio De Giorgi, Scuola Normale Superiore in Italy. His recent studies are devoted to blow-up phenomena of solutions to Cauchy problems for heat, damped wave, Schrödinger equations and so on.
More detailed information is at http://kfujiwara.webcrow.jp.

Karapetyan, A. Garnik

He is an Armenian scientist and mathematician. His main research is in the fields of mathematical analysis, differential equations and mathematical physics. He is currently a professor of mathematics at the Department of Mathematics and Mathematical Modeling and Director of the Institute of Mathematics and Informatics at Russian-Armenian University. Main scientific papers are dedicated to differential equations, elliptic and hypoelliptic equations, the study of the properties of functions in different multianisotropic spaces, integral representations and embedding theorems for functions in multianisotropic spaces.

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Karapetyants, Mikhail

Affiliation: Moscow Institute of Physics and Technology; Position: fourth year student; Research interests: functional analysis and approximation theory, currently I am studying subdivision schemes on a dyadic half-line.

Kubo, Akisato

1987: Doctor of Science (Waseda University)
2001: sabbatical at Institute of Applied Analysis, TU Bergakademie Freiberg
2003-present: Professor, School of Health Sciences, Fujita Health University

Lenells, Jonatan

His research focuses on nonlinear partial differential equations. He earned his PhD in Mathematics from Lund University in 2006. After shorter stays at the University of California at Santa Barbara, the University of Cambridge, Leibniz University in Hannover, and Baylor University, he joined the faculty of KTH Royal Institute of Technology in Stockholm in 2014. He was awarded a Consolidator Grant from the European Research Council in 2015 and currently leads a group of two PhD students and five postdocs in the KTH mathematics department.

Loiudice, Annunziata

Assistant Professor in Mathematical Analysis at the Department of Mathematics of University of Bari. She got her PhD in Mathematics from University of Bari in 2004 under the supervision of Prof. Enrico Jannelli. She had a post-doc position at University of Bologna. Her research interests include: subelliptic equations on Stratified Lie groups, qualitative properties of solutions to critical growth equations, Sobolev-type inequalities and related extremals, polyharmonic problems.

Louhichi, Issam

Graduated from University of Bordeaux 1 (France), where he obtained his Master and PhD in Pure Mathematics. Currently he is an Assistant Professor at the American University of Sharjah (UAE). Prior to join AUS, he was a faculty at KFUPM (Saudi) and The University of Toledo (Ohio, USA). His main field of research, among others, is the study of Toeplitz operators on the Bergman space.

Lucente, Sandra

Sandra Lucente from Bari University is a researcher in Mathematical Analysis. She works on PDE, in particular on existence and non-existence of solutions of wave-type equations collecting more than 30 papers. After PhD in Pisa with advisor Vladimir Georgiev and Sergio Spagnolo, she started to collaborate with Japaneses, German and Brasilian mathematicians. Some students which prepare Master thesis with her guides are now PhD students and researchers in different universities. She is also interested in dissemination of Mathematics, in particular for valorization of cultural heritage.

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Nguyen, Thieu Huy

He obtained M.Sc from University of Pedagogy, VNU Hanoi, Vietnam in 1998. Then he came to Germany to study for PhD under supervision of Prof. Rainer Nagel and obtained PhD in 2003. Next, he has done his habilitation under guidance of Prof. Matthias Hieber and got the Habilitation degree in 2015. From 2012-2014, he has been a research fellow of Alexander von Humboldt Foundation at Technical University of Darmstadt, Darmstadt, Germany. His research interests are well-posedness and asymptotic behavior for evolution equations as well as Navier-Stokes equations and fluid dynamics. Currently, he is Associate Professor at Hanoi University of Science and Technology. Some my other responsibilities in Vietnamese Mathematical Community are:

- Member of the executive committee of Vietnamese Mathematical Society (VMS)
- Secretary of the scientific committee in discipline of mathematics of the Vietnam National Foundation for Science and Technology Development (NAFOSTED).

Nunes do Nascimento, Wanderley

Bachelor degree in Mathematics during 2006-2010 at Federal University of Viçosa, Master degree in Mathematics during 2010-2012 at Federal University of São Carlos, PhD degree during 2012-2016 at Federal University of São Carlos with a period of two years at TU Freiberg/Germany for the preparation of the PhD thesis and a Post-doc position during 2016-2018 at State University of Campinas. Currently I am a professor at Federal University of Rio Grande do Sul. My main fields of researches are: Linear and nonlinear hyperbolic equations and nonlinear dispersive equations.

Olofsson, Anders

Associate professor at Lund University.
PhD in Mathematics from Stockholm University year 2000. Supervisors Jan-Erik Björk and Jan Boman.

Palmieri, Alessandro

Completed his Bachelor degree in 2013 at the University of Bari. He obtained his MSc degree in Bari with a thesis written within the program ''Messaggeri della Conoscenza'' in collaboration with TU Bergakademie Freiberg in 2015. He received his PhD degree in Freiberg in 2018, with a thesis entitled ''Global in time existence and blow-up results for a semilinear wave equation with scale-invariant damping and mass''. His research is devoted to the study of global in time existence results and blow-up results for semilinear hyperbolic models.

Picon, Tiago Henrique

Obtained his Ph.D. in Mathematics from Federal University of São Carlos (Brazil, 2011) under the supervision of Prof. Jorge Hounie.
Currently, he holds an Assistant Professorship at São Paulo University in Ribeirão Preto; among his early-career achievements,
We highlight a prestigious Research Grant - Young Investigator Award in Emerging

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Research Center - by São Paulo Research Foundation
(FAPESP). His research interests are in Linear Partial Differential Equations and
Harmonic Analysis.
Homepage: http://dcm.ffclrp.usp.br/~tpicon/

Pham, Trieu Duong

Affiliation: Department of Mathematics, Hanoi National University of Education, 136
Xuan Thuy, Hanoi, Vietnam.
1988-1994: Department of Mechanics-Mathematics. Moscow State University, Moscow -
Russia.
Graduation thesis: "*The nonlinear elliptic equation in infinite cylinder*". Scientific
supervisor: Prof. V. A. Kondratiev.
2002-2006: Department of Mathematics. Hanoi University of Education, Vietnam.
Ph. D. thesis: *"The first initial boundary valueproblems for strongly parabolic systems in
infinite cylinders with the non-smooth boundary"*, under supervision of Prof. Nguyen
Manh Hung.
Mathematical Interests:
PDEs: boundary value problems in non-smooth domains, hyperbolic equations with
variable coefficients.

Said-Houari, Belkacem

Received his Ph.D. degree in PDEs from Annaba University (Algeria) in 2005. He
defended his HDR (Habilitation) from Savoie University in France in 2009. He held
postdoctoral positions in Toulouse University (France), in Savoie University (France),
in Konstanz University (Germany) and in KAUST (KSA). He is the author of two
textbooks: Linear Algebra, Differential equations, both published by Springer.
Moreover, he is the author or co-author of 60 research papers published in refereed
international journals. He is the winner of the Abdul Hameed Shoman Award for
Young Arab Researchers, Mathematics (2012).

Sandikci, Ayse

1994-1998: Department of Mathematics, Ondokuz Mayıs University
1998-2002: Mathematics teacher, Zonguldak high school
2002-2008: Research Assistant, Ondokuz Mayıs University
2002-2004: Master student, Ondokuz Mayıs University
2004-2007 PhD, Ondokuz Mayıs University
2008-2017 Assistant Professor, Ondokuz Mayıs University
2017-present Associate Professor, Ondokuz Mayıs University
3-8/2010 (for 3 months) visiting professor at University of Turin
Research areas: Functional Analysis, Harmonic Analysis, Fourier Analysis

Soufyane, Abdelaziz

Professor and chair at the Department of Mathematics, College of Sciences,
University of Sharjah, UAE.
Areas of research interest:
Partial differential equations of (Hyperbolic Type; Parabolic Mixed Type); Control
Theory; Optimal Control; Modeling of surface acoustic waves using finite element
analysis; and Applied optimization Problem.

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Stratis, Ioannis

Professor of Partial Differential Equations, and currently the Director of Postgraduate and Doctoral studies, at the Department of Mathematics of the National and Kapodistrian University of Athens (NKUA), Greece. He has a degree in Mathematics from NKUA, an MSc from the University of Sussex (United Kingdom), and a PhD from NKUA. He is the co-author of a monograph published by Princeton University Press, and has authored or co-authored more than 75 research papers in scientific journals and more than 35 in edited volumes and refereed conference proceedings. He has made research visits in many universities and institutes for periods up to one month, participated actively via the Erasmus Programme in teaching intensive postgraduate short courses in many European universities, and given many invited colloquia and numerous (a number of them invited or plenary) talks in conferences in Europe, Asia, and the Americas. He has been a member of the Scientific and/or the Organising Committees of many conferences and workshops. Mentor of 3 postdoctoral researchers, advisor of 6 PhD and supervisor of more than 35 MSc theses. His research interests include different analytical aspects of wave phenomena and of (deterministic and stochastic) equations of Mathematical Physics. He is a member of the Editorial Board of 4 international journals.

Taskinen, Jari

He is University Lecturer and Adjunct Professor at the Department of Mathematics and Statistics of the University of Helsinki. He obtained his Ph.D. 1986 at Univ. Helsinki.
Research interests: functional analysis and operator theory and their applications, for example elliptic spectral problems, Bergman spaces and Toeplitz operators
About 100 publications in international refereed journals, including J. Funct. Anal., Math. Ann., Trans. AMS, Studia Math., Siam J. Math. Anal etc.
Longer research visits to the universities of Zürich, Paris XI, Politecnica de Valencia, Paderborn, PAN Warsaw, York, Erlangen. Main organizer of several international conferences in Helsinki and Joensuu. (e.g. Functional Analysis workshop, Satellite conference of ECM Stockholm 2004). Vice-president of the Finnish Mathematical Society 2001-2004. Supervisor of 5 completed Ph.D-thesis.

Tuomela, Yakku

His research interests are in the geometric and computational analysis of ordinary and partial differential equations, especially overdetermined problems. He defended his PhD thesis in the University of Paris 7 in 1992. Since 1999 he has been a professor in the University of Eastern Finland.

Velinov, Daniel

Was born on September 29th, 1986 in Kocani, Macedonia.
Graduated in 2008 and finished his Master studies in 2011 at Faculty of Natural Sciences and Mathematics, Ss Cyril and Methodius University in Skopje.
On 07.10.2014 he defended his doctoral thesis at University of Novi Sad, Serbia, having Prof. Stevan Pilipovic as doctoral advisor.
He works as an Assistant Professor at Faculty of Civil engineering, Ss Cyril and

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Methodius University in Skopje, Macedonia.
He has published around 20 scientific papers, has participated at 9 conferences and took part in two scientific projects.

Wakasugi, Yuta

Senior assistant professor,
Graduate School of Science and Engineering,
Ehime University,
Doctor of Science, 2014, Osaka University (supervisor: Prof. Tatsuo Nishitani,)
Research visits:
11/2011 – 12/2011: TU Bergakademie Freiberg, Germany
11/2016 – 12/2016: TU Bergakademie Freiberg, Germany

Wittsten, Jens

He did his PhD in Lund under the guidance of Nils Dencker studying problems related to solvability of pseudodifferential equations. After having spent five years as a postdoctor in Japan I am currently working at Lund University financed by a scholarship from the Knut and Alice Wallenberg Foundation. My current research interests are mainly related to spectral analysis of partial differential equations and hyperbolic dynamical systems, and inverse problems arising in geophysics.

Yoshikawa, Shuji

March 2006, Dr. Sci. (Tohoku University, advisor: Prof. Yoshio Tsutsumi) ,
April 2006 - March 2010, Research Associate and Assistant Professor, Ube National College of Technology, Japan,
April 2010 - July 2016, Associate Professor, Ehime University, Japan,
April 2014 - February 2015, Visiting Researcher, University of Konstanz, Germany,
August 2016 - , Professor, Oita University, Japan.

Home page and postal address for ISAAC:

http://www.isaacmath.org/home/
ISAAC
Fakulty of Technology, building B
Linnæus University
35195 Växjö
Sweden