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Norway
Citizenship: Austria

Education

- University of Vienna, Mathematics, PhD Nov. 2005.
 - University of Vienna, Mathematics, Master Oct. 2001.
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Appointments

- Associate Professor, NTNU, Trondheim, June 2014–
- Guest Associate Professor, NTNU, Trondheim, Aug. 2013–May 2014.
- APART Fellow of Austrian Academy of Sciences, UC Berkeley, March 2012–July 2013.
- Research Assistant, Univ. Vienna, Jan. 2012–Feb. 2012.
- Marie Curie Outgoing Research Fellow, Univ. Vienna, Jan. 2011–Dec. 2011.
- Marie Curie Outgoing Research Fellow, UC Berkeley, Jan. 2009–Dec. 2010.
- Research Assistant, Univ. Vienna, Jan. 2005–Dec. 2008.

Awards

- APART fellowship, Austrian Academy of Sciences
 - Marie Curie Outgoing Fellowship
 - Max Kade fellowship, Austrian Academy of Sciences
 - DOC fellowship, Austrian Academy of Sciences
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Selected Talks

- Plenary speaker, Satellite Conference of 5ECM, Noncommutative Mathematical Physics in Brussels, “Quantum theta functions, moduli of noncommutative tori, and Gabor frames for modulation spaces” (jointly with Prof. Yuri I. Manin), July 2008.
- Plenary Speaker, GPOTS Miniworkshop in Boulder, “Projective modules over noncommutative tori - a different perspective”, March 2010
- Invited speaker, GPOTS 2010 in Denver, “Projections in rotation algebras”, June 2010
- Invited speaker, Courant Institute, New York University, “Gabor analysis as noncommutative geometry over noncommutative tori”, Nov. 2010
- Invited speaker, the Joint AMS Meeting New Orleans, “Crossed products in Gabor analysis and Rieffel projections in rotation algebras”, Jan. 2011
- Invited speaker, NTNU Trondheim, “Duality theory of Gabor analysis and Mortia-Rieffel equivalence of noncommutative tori”, Jan. 2012

- Invited speaker, NTNU Trondheim, “Construction of equivalence bimodules between noncommutative tori”, Feb. 2012
 - Invited speaker, Sumifras at Texas A& M, “Hilbert C^* -modules over noncommutative tori”, July 2012
 - Colloquium, Univ. Central Florida, “Operator algebras in time-frequency analysis”, Feb. 2013
 - Invited speaker, Colloquium, SISSA Trieste, 3 talks on Gabor analysis and noncommutative geometry, April 2013
 - Invited speaker, Rieffel conference, Fields Institute, Toronto, “Noncommutative geometric and topological aspects of time-frequency analysis”, June 2013
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Review Activities

- Appl. Comp. Harm. Anal., J. Fourier Anal. Appl., Pure Appl. Math. Quarterly, J. Phys. A, Quarterly J. Math., J. Approx. Theory, Rev. Iber. Math., Rep. Phys., Monatsh. Math., IEEE Trans. Signal Processing, Banach J. Math., Abstract and Applied Analysis, Anal. and Math. Phys., Lin. Alg. Appl., Front. Terrest. Bio.
 - Reviewer for Math. Reviews, Zentralblatt
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Conferences – Organization

- Organizer of “Operator algebras and Time-Frequency Methods”, November 19-23, 2012. Erwin Schrödinger Institute Vienna
ESI semester: “Modern Methods of Time-Frequency Analysis”, September - December 2012.
 - Jointly with D. Sarason, M.A. Rieffel and D. Voiculescu organizer of “GPOTS 2013”, May 21-25, 2013, UC Berkeley.
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Invited Visits

- **Max Planck Institute for Mathematics**, Bonn, Germany, invited by Prof. Yu. I. Manin
Jan. 2004 – Feb. 2004, Aug. 2006 – Sept. 2006, Aug. 2008 – Sept. 2008
 - **Jacobs University**, Bremen, Germany, invited by Prof. G. Pfander, April 2007
 - **Isaac Newton Institute for Mathematics**, Cambridge, UK, Special Semester on Noncommutative Geometry, Sept. 2007
 - **Courant Institute for Mathematics**, invited by Prof. S. Guntürk, Nov. 2010
 - **Math. Forschungsinstitut Oberwolfach**, Germany, 5 invitations from 2007-2013
 - **Erwin Schrödinger Institute**, Austria, 4 weeks Nov. 2012, Jan. 2014
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Third party funding

- European Union: Marie Curie Outgoing Fellowship
“MOTIF: Modern methods of time-frequency analysis”, 2009-2011
project number PIOF-220464, URL: <http://www.univie.ac.at/nuhag-php/motif/>
 - Austrian Academy of Sciences: APART fellowship: “Quantum metric spaces and applications to Gabor frames”, 2012-2015
 - Austrian Academy of Sciences: DOC fellowship, Max Kade fellowship, 2008 (declined)
 - Austrian Academy of Sciences: DOC fellowship (Ph.D fellowship): “Gabor analysis meets noncommutative geometry”, 2003-2005
 - Fonds zur Förderung der wissenschaftlichen Forschung (FWF):
“Symplectic geometry for quantum mechanics and time-frequency analysis”, 2008-2011
(together with H.-G. Feichtinger, M. de Gosson), project number P20442.
 - Fonds zur Förderung der wissenschaftlichen Forschung (FWF):
“Hamiltonian deformations of Gabor frames. Applications to time-frequency analysis and quantum mechanics”, 2012-2014
(together with H.-G. Feichtinger, M. de Gosson), project number P31220.
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