

**VÄXJÖ ISAAC Congress (August 14-18, 2017)**

**Session 5: Pseudo-Differential Operators**

**Organizers: Shahla Molahajloo (Iran), Patrik Wahlberg (Sweden)  
and M. W. Wong (Canada)**

**Monday, August 14, 2017**

<b>Time</b>	<b>Speaker</b>
14:05-14:35	Shahla Molahajloo
14:40-15:10	Lorenzo Galleani
<b>15:10-15:35</b>	<b>Coffee</b>
15:35-16:05	Christine Pfeuffer
16:10-16:40	Jon Johnsen
16:45-17:15	
17:20-17:50	

**Tuesday, August 15, 2017**

<b>Time</b>	<b>Speaker</b>
14:05-14:35	Leon Cohen
14:40-15:10	Majid Jamalpourbirgani
<b>15:10-15:35</b>	<b>Coffee</b>
15:35-16:05	M.B. Ghaemi
16:10-16:40	Viorel Catană
16:45-17:15	
17:20-17:50	

**Wednesday, August 16, 2017 (Joint Day on two sessions: Generalized Functions  
and Pseudo-Differential Operators)**

<b>Time</b>	<b>Speaker</b>
09:20-09:50	Gianluca Garello
09:55-10:25	Sandro Coriasco
<b>10:25-10:50</b>	<b>Coffee</b>
10:50-11:30	Mikael Signahl
11:35-12:05	Other Session(s)
12:10-12:40	Other Session(s)
12:45-13:15	Other Session(s)

**Thursday, August 17, 2017 (Celebration event in memory of Professor M.S. Agranovich)**

<b>Time</b>	<b>Speaker</b>
14:05-14:35	Celebration Speeches
14:40-15:10	Pedro Tavares Paes Lopes
<b>15:10-15:35</b>	<b>Coffee</b>
15:35-16:05	Other Sessions
16:10-16:40	Other Session(s)
16:45-17:15	Other Session(s)
17:20-17:50	Other Session(s)

1. Viorel Catană, (University POLITEHNICA of Bucharest, Romania), Pseudo-differential operators on  $\mathbf{Z}$  related to a finite measure space
2. Leon Cohen, (City University of New York, USA), Operator transformation of probability densities
3. Sandro Coriasco, (Università di Torino, Italy), Solution of a class of nonlinear stochastic equations on  $\mathbf{R}^n$ : a microlocal approach
4. Lorenzo Galleani, (Politecnico di Torino, Italy), Time-frequency structure of the Green's function
5. Gianluca Garello, (Università di Torino, Italy), Generalized microlocal elliptic pseudodifferential operators acting on  $L^p_{loc}(\Omega)$
6. M. B. Ghaemi, (Iran University of Science and Technology, Iran), Characterizations of nuclear pseudo-differential operators on  $\mathbf{S}^1$
7. Majid Jamalpourbirgani (Iran University of Science and Technology, Iran and York University, Canada), The heat kernel and nuclear pseudo-differential operators on  $\mathbf{R}^n$
8. Jon Johnsen, (Aalborg University, Denmark), Unified theory of the wavelet transformation of Frazier and Jawerth
9. Pedro Tavares Paes Lopes, (University of São Paulo, Brazil), Spectral invariance of pseudo-differential boundary value problems with conical singularities
10. Shahla Molahajloo, (Institute for Advanced Studies in Basic Sciences, Iran), Pseudo-differential operators, Wigner transforms and Weyl transforms on the Poincaré disk
11. Christine Pfeuffer, (Universität Regensburg, Germany), Spectral invariance of nonsmooth pseudo-differential operators
12. Mikael Signahl, (University of Agder, Norway), Factorizations and Singular Estimates of Operators with Gelfand-Shilov and Pilipovic Kernels