



Faculty of Electrical Engineering
and Information Technologies-
Skopje



universität
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NuHAG
Numerical Harmonic Analysis Group
Faculty of Mathematics
UNIVERSITY of VIENNA



European Women in
Mathematics



Faculty of Mechanical
Engineering-Skopje

Workshop

Asymptotic and Time - Frequency Analysis with Symplectic Geometry

Skopje, 19 - 21 April 2012

PROGRAM

Thursday, 19 April (Room: MFS, 125)

15:30	Welcome	Prof. Dr. Atanas Kocov, Dean of MFS
15:45	Gabor analysis: MATLAB based experiments and mathematical theory	Prof. Dr. Hans G. Feichtinger, University of Vienna

Friday, 20 April (Room: MFS, 125)

09:30	Welcome	Prof. Dr. Mile Stankovski, Dean of FEIT
09:45-10:45	Wavelet Transform and Tauberian Type Theorems	Acad. Prof. Dr. Stevan Pilipovic, University of Novi Sad
11:00-12:00	What are good Gabor frames? Function spaces and computational aspects	Prof. Dr. Hans G. Feichtinger, University of Vienna
12:15-14:00	Lunch break	
14:00-15:00	Transformation Properties of Generalized Gaussians; Applications to Symplectic Gaussian Gabor Frames	Prof. Dr. Maurice De Gosson, NuHAG
15:15-16:15	Frames in Hilbert and Banach spaces - series expansions, dual sequences, characterization via operators	Prof. Dr. Diana Stoeva, Acoustics Research Institute - Vienna
16:15-16:40	Coffee break	
16:40-17:00	Quasiasymptotic analysis in modulation spaces	Sanja Kostadinova, FEIT, Skopje
17:00-17:20	On the space of multipliers and convolutors in the space of tempered ultradistributions	Pavel Dimovski, Faculty of Tehnology and Metallurgy-Skopje

Saturday, 21 April (Room: MFS, 125)

10:00 - 12:00	Discussion: future collaboration and research prospects
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