

MULAC KICKOFF MEETING – tentative program

(Last Update: 16th Sept)

WHERE? At ARI, Vienna, see

<http://www.kfs.oeaw.ac.at/content/view/73/456/lang,8859-1/>
for detailed travel instructions!

Monday, 22nd Sept

20.30 Coming together at Café Sperl

Gumpendorfer Straße 11 – to get there, take U2 to Museumsquartier, Exit “Mariahilferstraße stadtauswärts”, walk up the Mariahilferstraße a few meters, then turn left into Rahlgasse and follow the map:



Note: you can eat in the Kaffeehaus, however, the , if you want a full proper meal, you should go to a restaurant first. (That's why we postponed the start to 20.30)

Tuesday, 23rd Sept – Theory

9.30 Opening by Peter Balazs

9.45 P. Balazs: – The MULAC project

Coffee break / Discussion

11.00 J.P. Antoine: Weighted frames and Wavelet Multipliers

11.45 A. Grybos: Numerical results for weighted Gabor frames

Lunch in Wiener Wia-z'haus <http://www.wiener-wiazhaus.at/>

14.30 H. Feichtinger: The relation between continuous and discrete Gabor multipliers

Coffee Break + Discussion: Topics to pursue in Theory of Frame Multipliers

16:30 M. Dörfler: Generalizing Gabor multipliers

Discussion: Sparsity and approximation in more exotic norms than Hilbert-Schmidt

19:00 Dinner

20:15 Porgy & Bess : **Archie Shepp Quartet (USA)**

Joining: Thibaud, Adrien, Florent, Hans, Peter, Monika, Bruno, Anaik

Wednesday, 24th September - Applications

9:45 B. Torrèsani: Work related to time-frequency multipliers in Marseille

Coffee Break + Discussion Applications 1

11:30 B. Laback / T. Necciari: Time-Frequency Masking

Lunch in Asian Restaurant

14:30 P. Majdak: Applications for HRTF and sound absorption measurements

15:00 F. Jaillet: Graphical aspects of TF multipliers

Coffee Break + Discussion Applications 2

16:30 A. Merer:

17:00 A. Olivero: Masking with wavelets (wavelet multipliers)

Discussion

19:30 Joint Dinner (etc) in SalmBräu <http://www.salmbraeu.com/indexen.htm>
(note the friendly owner)

Topics: Classification by multipliers (common ancestor etc) (MRI?)
- what role does redundancy play here?

Composition and inversion of Multipliers ("symbolic calculus")
Approximativ symbolic calculus

Algorithm for MGM - choosing the synthesis lattice?
The role of "Phase" in TF- multipliers
What do we know about affine multipliers?

What do the applications "need"?

Can TF-multipliers be useful in the improvement of CI? Music?

"Filling the holes" in frame multipliers