



MIDAS-NA/EURONS2 Annual meeting

Place: Toledo, UCLM

Agenda (23-24/5/2018)



**23<sup>rd</sup> May 2018**

*Chair person: D. Cortázar*

### **Welcome and MIDAS status**

9:00-9:30	Welcome at UCLM	(UCLM authority)
9:30-9:45	Status of MIDAS-NA	(H. Koivisto)
9:45-10:15	Discussion about the work to be done to fulfil our commitments: website, trainings, next annual meeting	(H. Koivisto)

### **Progress reports**

10:15-10:45	GSI report	(K. Tinschert)
10:45-11:00	<b>Coffee break</b>	
11:00-11:30	Existing and future techniques for the production of Some specific metallic beams	(P. Jardin)
11:30-12:00	LPSC report	(T. Thuillier)
12:00-12:30	Status report of the AECR ion source at KVI-CART	(H.R. Kremers)
12:30-13:00	Plasma diagnostics at the Atomki-ECRIS: latest results	(S. Biri)
13:30-14:00	<b>Lunch</b>	
14:00-14:30	Beam stability and feedback of hands-on-training	(C. Barue)
14:30-15:00	UCLM report	(A. Megía)
15:00-15:30	JYFL report: plasma diagnostics and HIISI	(H. Koivisto)
15:30-15:45	<b>Coffee break</b>	
15:45-16:15	Recent development about plasma diagnostics and modelling for Ion Sources design, Astrophysics and Nuclear Astrophysics at INFN	(D. Mascali)
16:15-16:35	AVS report	(A. Garbayo)
16:35-17:55	Pantechnik report	(P. Salou)
16:55-17:15	Conclusion/discussion	(D. Cortazar)



**24th May 2018**  
Chair person: A. Megía

### Discussion about the technical problems and failures

9:00-10:45 Subject will be given at the beginning of session (Koivisto)  
10:45-11:00 Coffee break

### Collaboration planning session: During this session

11:00-13:00 Planning of collaboration projects  
- 60 GHz ECR R&D prospect (T. Thuillier)  
- AVS collaboration proposal (A. Garbayo)  
- Plasma research using JYFL visible light spectrom.,  
collaboration for inductively heated ovens (H. Koivisto)

13:00-14:00 **Lunch**

14:00-14:45 Collaboration planning continues...  
- MIDAS community vs ENSAR3: open discussion

14:45-15:00 Concluding remarks (D. Cortazar/H. Koivisto)

15:00-15:15 **Coffee break**

15:15-17:00 TOLEDO tour visit

**Progress reports:** Each laboratory should prepare a progress report (5+20+5min). Please dedicate first minutes "general summary": people in your group, trainings attended, trainings organised, trainings planned, budget status. Regarding the progress report, please, include "tips and tricks" which could be interesting for the community and if possible remarks and conclusions, which could help to understand the factors limiting the ion source performance or ion beam intensities. Adequate time has to be reserved for discussions about interpretations of experimental results or calculations, and about experiments, which could be done in the future. *Each status report should include the amount of the remaining MIDAS budget and plan how to use it. Action: group leader takes care that each partner prepares and presents this plan during the Toledo meeting.*

**Discussion about the problems and failures:** H. Koivisto will collect a list of small technical/scientific problems and different failures. The discussion of this session will be based on the collected list. Motivation: can we find a solution to small technical/scientific questions during the session as has happened several times during the hands-on-training?

**Collaboration planning session:** The objective of this section is to find common R&D topics, which could be transformed into a collaboration project. We should also discuss about the ENSAR3. How would we like to place MIDAS community in this consortium and what would be our vision? Should we create a dedicated planning group?