

WORKSHOP PROGRAMME

Monday, 21st May

12:00-20:00 Registration of participants (IUC)
20:00 Welcome drink (Hotel "Lero")

Tuesday, 22nd May

9:00 representatives from MSES,
Japanese Embassy, IAEA Opening of the MeV SIMS Technical Meeting

Morning session 1: MeV SIMS Fundamentals: What are the problems?

Chair: Tonči Tadić

9:30 Jiro Matsuo MeV-SIMS: Current Reality and Future Prospects

10:00 Roger Webb Modelling of MeV SIMS

10:30-11:00 **Coffee Break & Poster session**

Morning session 2: Mass spectrometry Applications

Chair: Jiro Matsuo

11:00 Melanie Bailey Potential Forensic Applications of MeV SIMS

11:30 Dubravka Jembrih-Simbürger Analytical techniques for the investigations of objects of art & archaeology

12:00 Alain Brunelle Micrometric molecular histology of lipids and small molecules by cluster-TOF-SIMS and MALDI-TOF mass spectrometry imaging

12:30 Bilal Nsouli On the photodegradation kinetic of selected pesticide in soil and semi quantification of active ingredients in pharmaceutical formulations by using the MeV-SIMS technique

13:00-17:00 **Lunch, free time**

Afternoon session: Secondary Ion Mass Spectrometry

Chair: Roger Webb

17:00 Arnaud Delcorte Kiloelectronvolt cluster bombardment of organic materials: Experiments and simulations

17:30 Alex Henderson Interpretation of Static SIMS Spectra

18:00 Serge Della-Negra Secondary ion emission induced by high energy atomic and cluster ion beams using experimental techniques with a wide range of energy and mass

18:30-18:50 **Coffee Break & Poster session**

Panel discussion "Sample Preparation Issues"

Chair: Alain Brunelle

18:50-19:30 Panel: Melanie Bailey, Dubravka Jembrih-Simbürger, Bilal Nsouli

19:30-21:00 **Welcome reception ("Sesame" bar in park below IUC)**

Wednesday, 23rd May

Morning session 1: MeV SIMS Instrumentation and application

Chair: Serge Della-Negra

9:00	Toshio Seki	Development of MeV-SIMS imaging system at Kyoto University
9:30	Tonči Tadić	Development of MeV SIMS setup at RBI's Heavy ion microbeam facility in Zagreb
10:00	Brian Jones	MeV SIMS at the Surrey Ion Beam Centre
10:30	Thomas Osipowicz	Considerations concerning a dedicated MeV-SIMS beamline for CIBA at NUS

11:00-11:30

Coffee Break

Morning session 2: Ancillary Techniques

Chair: Bilal Nsouli

11:30	Jyrki Räisänen	Particle induced X-ray emission with heavy ions
12:00	Iva Bogdanović Radović	Heavy ion STIM and ERDA

12:30-17:00

Free time & guided tour in Old City of Dubrovnik

Afternoon session: Other Considerations

Chair: Toshio Seki

17:00	Takaaki Aoki	Application of molecular dynamics simulations for radiation-induced surface desorption processes
17:30	Roger Webb	Ambient Pressure Mass Spectrometry Techniques
18:00	Ricardo Papaleo	MeV-ion induced Sputtering and Cratering of Polymers

18:30-18:50

Coffee Break

Panel discussion "Sample Preparation Issues"

Chair: Milko Jakšić

18:50-19:30 Panel: Jiro Matsuo, Roger Webb, Tonči Tadić

Thursday, 24th May

Morning session: Discussion in workgroups

9:00-11:00	Workgroup 1: MeV SIMS Fundamentals & Modelling
	Chair: Ricardo Papaleo and Takaaki Aoki
	Workgroup 2: MeV SIMS Instrumentation
	Chair: Brian Jones

11:00-11:30

Coffee Break

11:30-13:30	Workgroup 3: MeV SIMS Imaging Applications & Interpretation
	Chair: Alex Henderson
	Workgroup 4: MeV SIMS ancillary and competitive techniques
	Chair: Arnaud Delcorte

14:30-19:30

Conference excursion

(boat trip starting from Old Harbour, lunch at island Supetar, time for swimming, trip to island Lokrum & sightseeing, return to Old Harbour)

Note: excursion time can be adjusted to our needs

Friday, 25th May

Morning session: Meeting Report - drafting and finalisation

Chair: Aliz Simon

9:00-11:00

Drafting of the Meeting Report

11:00-11:30

Coffee Break

11:30-13:30

Meeting Report finalisation