



YOKOGUSHI

## Invitation to JEOL YOKOGUSHI workshop

We are pleased to invite you to our workshop with the title :

### **DU NMR 2017 - JEOL Recent Developments of NMR spectrometers and Electron Microscopes**

which will take place at Ruđer Bošković Institute , Bijenička 54, Zagreb in the lecture hall in first wing (Ivan Supek wing) on **Thursday, 19<sup>th</sup> January , 2017** from 9:00 a.m.

The workshop is jointly organized by **Ruđer Bošković Institute/Centre for NMR, HMD, SCAN d.o.o. and JEOL Europe SAS** . Talks will be held in English by the JEOL specialists and will cover the applications of advanced instrumentation such as NMR spectrometers , SEM- scanning electron microscopes and TEM- transmission electron microscopes. The use of methods like NMR, TEM, SEM and preparation techniques like FIB(Focused Ion Beam) and BIB(Broad Ion Beam) - Cross section polisher and Ion Slicer will be discussed .

The workshop is free of charge. A registration and reservation is required. Please send your name, surname, address and telephone by e-mail to **[slavko.zizek@scan.si](mailto:slavko.zizek@scan.si)** as soon as possible . ( phone no: +386 41 636657)

JEOL recent developments will be presented by:

- Mr. Jean Pierre Munier - JEOL Europe SAS
- Dr. Sc. Yusuke Nishiyama – JEOL Ltd
- Dr. Sc. Adolfo Botana – JEOL UK
- Mr. Guillaume Lathus – JEOL Europe SAS
- Dr.Sc. Guillaume Brunetti - JEOL Europe SAS and
- Mr. Franck Charlès – JEOL Europe SAS.



*JSM IT 300 LV - W SEM*



*JEM 2100 Plus - TEM*



**JEOL ZETA (ECZS, ECZR) – FT NMR spectrometer**



**JSX 1000S- ElementEye™  
- EDXRF spectrometer**



**Cross section polisher**

**Program of the JEOL Yokogushi workshop –  
Thursday 19<sup>th</sup> January 2017**

<i>8:30 - 9:00</i>	<p><b>Welcome and registration of guests</b> Participants are kindly requested to come in time to be able to get the badge and enter the lecture hall before lectures will start</p>
<i>9:00 - 9:15</i>	<p><b>Introductory words by organizers:</b> Prof.Dr. Sc. Dražen Vikić Topić NMR Centre, IRB, Dr. Sc. Andreja Gajović, IRB, president of HDM, Mr. Slavko Žižek, director of SCAN, d.o.o., JEOL agent</p>
<i>9:15 - 9:30</i>	<p><b>Brief approach to the spirit of “Yokogushi”</b> Dr. Sc. Guillaume Brunetti</p>
<i>9:30 - 9:45</i>	<p><b>JEOL vision in NMR</b> Mr. Jean Pierre Munier</p>
<i>9:45 - 10:30</i>	<p><b>Latest high-end developments for ultrafast MAS probe for solid state NMR</b> Dr. Sc. Yusuke Nishiyama</p>
<i>10:30 - 10:45</i>	Coffee break and discussions
<i>10:45 - 11:30</i>	<p><b>New tools for liquid state NMR</b> Dr. Sc. Adolfo Botana</p>
<i>11:30 - 12:30</i>	LUNCH BUFFET
<i>12:30 - 13:00</i>	<p><b>Multifunction tungsten microscopes – » workhorses« of SEMs</b> Mr. Franck Charlès</p>
<i>13:00 - 13:20</i>	<p><b>Sample Preparation Technology from JEOL by ion beam</b> Dr. Sc. Guillaume Brunetti</p>

13:20 - 13:50	<b>High resolution SEMs</b> Mr. Franck Charlès
13:50 - 14:10	Coffe break and discussions
14:10 - 14:30	<b>TEM JEM - 2100Plus</b> Dr. Sc. Guillaume Brunetti
14:30 - 15:00	<b>It is time to change the rule</b> Mr. Guillaume Lathus
15:00 - 15:30	<b>New JEM F2 cold FEG TEM – ARM family</b> Dr. Sc. Guillaume Brunetti
15:30 - 15:50	<b>SXES (Soft X-ray Emission Spectroscopy)</b> – A unique technique , introduction of XRF, Auger and XPS spectrometers Mr. Guillaume Lathus
15:50 - 16:10	<b>JEOL Quiz</b> – first three will win the award
from 16:15	<b>HDM monthly meeting</b>

We look forward to see you at Ruđer Bošković Institute, Bijenička 54, 10000 Zagreb, lecture hall in the first( I. ) wing (Ivan Supek wing) on Thursday, 19.1.2017, from 9:00 a.m

RBI – Ruđer Bošković Institute

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