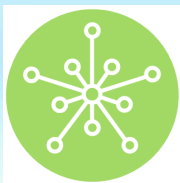
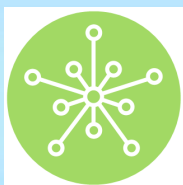


Coorganizers



Financial support



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**Collaborative
Workshop
on**

**Modulation
&
Nanostructuring
in
Layered
Materials**

28 - 31 March 2012

Institute of Physics

Zagreb, Croatia

Scope

The scope of the workshop is to gather people with background in physics of low-dimensional materials in order to push forward promising research topics. Paradigm that pushed the idea of the workshop is to unify expertise and know-how of both theoreticians and experimentalists in different fields strengthened with sample production experts. The format of the meeting makes a mix of short presentations of participating laboratories, groups and research, and round-table discussions focused on selected topics.



The purpose of the workshop is to forward the ideas of future joint investigations, collaboration, and project applications. The reference to layered (quasi-2d) systems that figures in the title of the gathering is expected to give a broad guideline, as this still seems a vast and promising subject, especially when combined with structuring on nano-scale. This also reflects in the background of the invited participants. The people from experiment in condensed matter (transport, ESR, neutron scattering, NMR, ...), theory, as well as sample production are supposed to be there. The gathering is expected to have around forty participants. Contributions are invited in the areas of the physics in various homogenous low-dimensional/layered crystalline materials, spontaneous nano-structuring in otherwise homogenous systems, and artificial nano-patterned materials.

Invited participants

H. Alloul (Orsay)
N. Barišić (Orsay)
I. Božović (Brookhaven)
J. R. Cooper (Cambridge)
M. Dressel/R. Beyer (Stuttgart)
T. Fehér (Budapest)
V. V. Kabanov (Ljubljana)
A. Keren (Haifa)
D. Mihailović (Ljubljana)
J. P. Pouget (Paris)
P. Prelovšek (Ljubljana)
V. Radmilović (Beograd)
Z. Radović (Beograd)
I. Živković (Zagreb)



Further contact

Ana Smontara and Eduard Tutiš
(Institute of Physics, Zagreb)
László Forró (École Polytechnique
Fédérale de Lausanne, Lausanne)
Antonije Dulčić and Denis Sunko
(Faculty of Science University Zagreb)
Ante Bilušić (Faculty of Science
University Split)

Getting to Zagreb

Croatia Airlines and several other operators provide direct flights from a number of cities in Europe to Zagreb international airport <http://www.zagreb-airport.hr/>.

Workshop Venue

The workshop will take place at the Institute of Physics. The Institute is situated about two kilometres uphill, north of the City centre. A bus (No 106, 201, 226 and 238) from Kaptol (the Cathedral area) to the Institute leaves at least every fifteen minutes.



Workshop organizers

Ana Smontara (Institute of Physics, Zagreb)
László Forró (École Polytechnique Fédérale
de Lausanne, Lausanne)

Local Organizing Committee

Jovica Ivkov, Petar Popčević, Kristijan Velebit
Institute of Physics, Zagreb

mnl2012@ifs.hr
<http://mnl2012.ifs.hr>