



**DOM2015 Young Scientist School
Wednesday, September 23, 2015**

17:00-18:00 Registration

Regineh Hotel

18:00-21:00 **Get-together reception**

**DOM2015 Young Scientist School
Thursday, September 24, 2015**

9:30-9:45 Opening Remarks

Regineh Hotel

9:45-10:45 **Holger Schönherr**

University of Siegen, Germany

Characterization of polymeric nanostructures with combined scanning probe and fluorescence microscopies

10:45-11:45 **Sergei Chvalun**

National Research Centre "Kurchatov Institute", Moscow, Russia

Nanostructured polymeric and hybrid materials: Electronic and optoelectronic applications

11:45-12:15 **Coffee break**

12:15-13:15 **Ali Naji**

Institute for Research in Fundamental Sciences, Tehran, Iran

Fluctuation-induced interactions in disordered soft matter

13:15-14:15 **Lunch**

14:15-15:15 **Rouben Aroutiounian**

Yerevan State University, Armenia

Non-random distribution of cytogenetic damage

15:15-15:45 **Coffee break**

15:45-16:45 **Short student talks** (10 min)

16:45-18:00 Poster session/Experimental and theoretical corners

**DOM2015 Young Scientist School
Friday, September 25, 2015**

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9:30-10:30 **Jean-Michel Guenet**

Institut Charles Sadron, Strasbourg, France

Polymer thermoreversible gels and organogels

10:30-11:30 **Ullrich Pietsch**

University of Siegen, Germany

Structure to property relations of semiconductor nano-materials probed by x-ray diffraction techniques

- 11:30-12:00 **Coffee break**
- 12:00-13:00 **Joseph Kline**
National Institute of Standards and Technology, Gaithersburg,
USA
X-ray scattering to measure nanostructures
- 13:00-14:00 **Lunch**
- 14:00-15:00 **Aram Manaselyan**
Yerevan State University, Armenia
Spin interaction in quantum dots (QD) and quantum rings (QR)
- 15:00-15:30 **Coffee break**
- 15:30-16:30 **Short student talks (10 min)**
- 16:30-18:00 **Poster session/Experimental and theoretical corners**

DOM2015 Young Scientist School
Saturday, September 26, 2015

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- 9:30-10:30 **Yevgeni Mamasakhlisov**
Yerevan State University, Armenia
Hybridization isotherm of DNA chip: the effect of ligand binding
- 10:30-11:30 **Nerses Ananikian**
A.I. Alikhanyan National Science Laboratory, Yerevan, Armenia
Magnetization plateaus, quantum thermal entanglement and
dynamical system approach of spin models
- 11:30-12:00 **Coffee break**
- 12:00-13:00 **Olivier Thomas**
Aix-Marseille Université, France
Mechanical properties of nanostructures investigated by
advanced X-ray diffraction methods
- 13:00-14:00 **Lunch**
- 14:00-15:00 **Edwin Donath**
University of Leipzig, Germany
Engineering biointerfaces on polyelectrolyte multilayers
- 15:00-15:30 **Discussions/Nominations/Closing Remarks**

DOM2015 Young Scientist School and International Symposium
Sunday, September 27, 2015

09:30-16:00 **Excursions/Cultural program**

Excursion to a Pagan temple of Garni, visit Garni gorge and a medieval Geghard Monastery, a UNESCO world heritage site