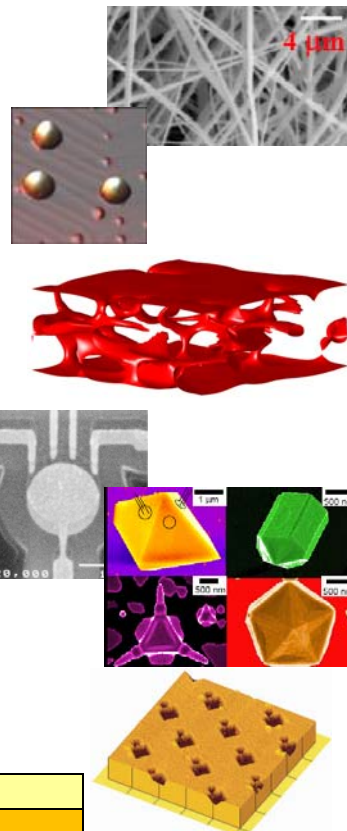




**Interuniversity Attraction Poles – Phase VI 2007-2011**  
**P6/42: Quantum Effects in Clusters and Nanowires**

**Wetenschappelijke Onderzoeksgemeenschap - FWO**  
**WOG: Computational modeling of materials**



**Workshop**

**Modern topics in superconductivity**

The reviews devoted to one century of superconductivity

Universiteit Antwerpen, June 1st 2011

**Program**

9:30-9:45	Welcome address: <i>The discovery of superconductivity</i>
	Morning session
9:45-10:30	<b>Valerii VINOKUR</b> , Argonne National Laboratory, USA <i>Superinsulator-superconductor duality: Theory</i>
10:30-11:15	<b>Tatyana BATURINA</b> , A.V. Rzhanov Institute of Semiconductor Physics, Novosibirsk, Russia <i>Superinsulator-superconductor duality: Experiment on ultrathin TiN films</i>
11:15-11:35	Coffee break
11:35-12:20	<b>Rinke WIJNGAARDEN</b> , Vrije Universiteit Amsterdam, The Netherlands <i>Magneto-optical imaging of superconductors</i>
12:20-13:05	<b>Dimitri RODITCHEV</b> , INSP, Paris <i>20 years of Scanning Tunneling Spectroscopy of superconductors: achievements and trends</i>
13:05-14:30	Lunch
	Afternoon session
14:30-15:15	<b>Roger WÖRDENWEBER</b> , Forschungszentrum Jülich, Germany <i>Nanostructured high-<math>T_c</math> superconductors: From vortex manipulation to novel concepts of fluxonic devices</i>
15:15-16:00	<b>Goran KARAPETROV</b> , Drexel University, USA <i>Superconductivity in superconductor-ferromagnet hybrids</i>
16:00-16:20	Coffee break
16:20-17:05	<b>Margriet VAN BAEL</b> , Katholieke Universiteit Leuven, Belgium <i>Superconductivity in patterned and nanogranular structures: Experiment</i>
17:05-17:50	<b>Arkady SHANENKO</b> , Universiteit Antwerpen, Belgium <i>Superconductivity under nanoscale quantum confinement: Theory</i>
	Closing remarks, and further discussions

**Venue**

Auditorium T.105, Campus Groenenborger, UA  
 Groenenborgerlaan 171, Wilrijk, Antwerpen  
 Parking P1 (please consult map on  
<http://www.ua.ac.be/main.aspx?c=ROUTE&n=26517>)

**Organization**

Prof. Dr. Milorad Milosevic (UA)  
 For registration and info (registration is free but  
 needed), please email to:  
[Milorad.Milosevic@ua.ac.be](mailto:Milorad.Milosevic@ua.ac.be)

For all details, see  
[www.cmt.ua.ac.be/workshop2011](http://www.cmt.ua.ac.be/workshop2011)