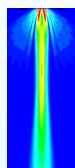


2nd Announcement and call for papers
International Workshop on
Plasmonics and
Applications in
Nanotechnologies

Singapore, December 5-7, 2006



Co-Chairs:

Prof. Boris Luk`yanchuk **Data Storage Institute, A*STAR, Singapore**

Dr. Hong MingHui **National University of Singapore, Singapore**

Prof. Alain Dereux **l'Université de Bourgogne, France**

Plasmonics is the field of science and technology related to optics of metallic nanostructures (nano-optics), which involves surface plasmon (SP) excitations. Topics include optics of nanostructured metallic surfaces, SP-enhanced transmission through subwavelength apertures, optics of small metallic particles or clusters, surface plasmon propagation on structured surfaces, building ultra-small waveguides, highly efficient sensors and other integrated optical devices. During workshop meeting, we are going to discuss the following topics:

- **Near-field imaging of surface plasmon-polariton**
- **Stimulated emission of surface plasmons**
- **Surface plasmon polariton band-gap structures**
- **Surface plasmon propagation**
- **Resonant transmission of light through subwavelength Holes**
- **Applications in data storage technologies, nanotechnology, biotechnology etc.**

Program Committee

Prof. V. M. Agranovich **Institute of Spectroscopy, Russian Ac. of Sci., Troizk, Russia**
Prof. D. Bäuerle **Johannes Kepler University, Linz, Austria**
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Prof. E. Yablonovitch **University of California, Los Angeles, USA**
Prof. A. Zakhidov **UTD NanoTech Institute, Richardson, USA**
Prof. N. I. Zheludev **University of Southampton, UK**

Invited Speakers (partial list)

Prof. H. Atwater	California Institute of Technology, Pasadena, USA
Prof. D. Bäuerle	Johannes-Kepler-Universität, Linz, Austria
Prof. A. Ben-Yakar	University of Texas at Austin, USA
Prof. S. I. Bozhevolnyi	University of Aalborg, Denmark
Prof. B. Chichkov	Laser Zentrum Hannover, Germany
Prof. U. Fischer	Physikalisches Institut Univ. Münster, Münster, Germany
Prof. F. J. Garcia-Vidal	Universidad Autónoma de Madrid, Spain
Dr. C. Genet	ISIS, Université Louis Pasteur, Strasbourg France
Prof. L. M. Eng	University of Technology, Dresden, Germany
Prof. H. Heinzelmann	Swiss Center for Electronics and Microtechnology, Neuchâtel, Switzerland
Prof. M. Inoue	Toyohashi University of Technology, Toyohashi, Japan
Prof. M. Käll	Chalmers University of Technology, Göteborg, Sweden
Prof. A. Kavokin	Univ. of Southampton, UK
Prof. V. V. Klimov	P. N. Lebedev Physical Institute, Moscow, Russia
Prof. J. Krenn	Institute of Physics Karl Franzens University Graz, Austria
Dr. W. Marine	Faculte des Sciences de Luminy, Marseille, France
Prof. O. J. F. Martin	Swiss Federal Inst. of Technology, ETH, Zurich, Switzerland
Prof. L. Martin-Moreno	University of Zaragoza, Spain
Prof. E. Mazur	Harvard University, USA
Dr. R. Quidant	Institute of Photonic Science, Barseelona, Spain
Dr. A. Sarychev	Ethertronics Inc., San Diego, California, USA
Prof. V. Shalaev	Purdue University, USA
Dr. L.P. Shi	Data Storage Institute, A*STAR, Singapore
Dr. M. Shneyder	Princeton University, USA
Prof. M. I. Stockman	Georgia State University, Atlanta, Georgia, USA
Dr. B. Terris	Hitachi Global Storage Techn. San Jose Res. Center, USA
Prof. D. P. Tsai	Dep. of Physics, National Taiwan University, Taipei, Taiwan
Prof. H. X. Xu	Institute of Physics, Chinese Academy of Science, China
Prof. X. F. Xu	Purdue University, USA
Prof. E. A. Vinogradov	Institute of Spectroscopy, Troizk, Russia
Prof. A. Zakhidov	UTD NanoTech Institute, University of Texas at Dallas, USA
Prof. A. V. Zayats	Queen`s University Belfast, UK
Prof. N. Zheludev	University of Southampton, UK

Abstract Submission

The abstract should be no more than 300 words in length. The abstract submitted should include the paper title, authors' name, affiliations and contact details of presenting author. The official language of the workshop is English. The required file format is **Adobe Acrobat PDF** or **MS Word** with only one single file for each submission. Abstracts need to be sent to Dr Hong Minghui: elehmh@nus.edu.sg

❖ **Abstract Due : 31 May, 2006**

❖ **Acceptance of Abstract : 15 July, 2006**

Selected papers of Workshop will be published
in Special Issue of Applied Physics A
with conventional refereeing procedure

Prof. Michael Stuke, Editor of Appl. Phys. A (Springer-Verlag)

Registration Fees

	Early Bird (Before September 1)	Regular (After September 1)	Banquet
Standard	S\$700	S\$750	Included
Student	S\$400	S\$450	S\$ 100

Workshop Secretariat: Mr. Y. Zhou

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