



Updated 1 October 2004

2005 Preliminary List
Advanced Study Institutes (ASIs)

Note : Each meeting is held under the responsibility of its individual director(s): all requests for information, attendance or support should therefore be addressed to the co-directors listed. Locations or dates may change. Some participants from NATO countries, Partner countries or Mediterranean Dialogue countries may obtain grants from the meeting co-directors to assist with travel and living expenses.

I. CLASSIC ASIs

Chemistry and Materials

Carbon Nanotubes : From Basic Research to Nanotechnology

21 May 2005 - 31 May 2005 : Sozopol, Bulgaria

Co-Directors: Prof. Philippe Lambin, Facultés Universitaires Notre Dame de la Paix, Namur, Belgium (Fax: 32 81 724707 E-mail: philippe.lambin@fundp.ac.be)

Prof. Valentin Popov, University of Sofia, Bulgaria

(E-mail: vpopov@phys.uni-sofia.bg)

PST.980411

II. SECURITY-RELATED ASIs

CBRN Agents and Weapons

Dynamics of Complex Interconnected Biosensor Systems: Networks and Bioprocesses

11 Apr 2005 - 21 Apr 2005 : Geilo, Norway

Co-Directors: Prof. Arne Skjeltnop, Institute for Energy Technology, Kjeller, Norway (Fax: 47 638 10 920 E-mail: arne.skjeltnop@ife.no)

Dr. Alexander Belushkin, Joint Institute for Nuclear Research, Dubna, Russia

(E-mail: belushk@nf.jinr.ru)

URL: <http://www.ife.no/geilo>

PST.981074

New Developments in Optics and Related Fields : Modern Techniques, Materials and Applications

6 Jun 2005 - 21 Jun 2005 : Erice, Italy

Co-Directors: Prof. Baldassare Di Bartolo, Boston College, Chestnut Hill, MA, United States (Fax: 617 552 8478 E-mail: dibartob@bc.edu)

Prof. Alexander Voitovich, The National Academy of Sciences of Belarus, Minsk, Belarus

(E-mail: inter@presidium.bas-net.by)

PST.980666

Advances in Sensing with Security Applications

17 Jul 2005 - 30 Jul 2005 : Il Ciocco, Italy

Co-Directors: Dr. James Byrnes, Prometheus Inc., Newport, RI, United States(Fax: 1 401 848 7293 E-mail: 05@nato-asi.org)

Dr. Krzyzstof Kulpa, Warsaw University of Technology, Poland

(E-mail: kulpa@ise.pw.edu.pl)URL: <http://www.nato-asi.org/sensors2005>

PST.980801

Advanced Science and Technology for Biological Decontamination of Sites Affected by Chemical and Radiological Nuclear Agents

17 Aug 2005 - 28 Aug 2005 : Zhitomir, Ukraine

Co-Directors: Prof. Nelson Marmioli, University of Parma - CINSIA Local Unit, Italy(Fax: 39 0521 905665 E-mail: nelson.marmioli@unipr.it)

Prof. Borys Samotokin, Zhitomir State Technological University, Ukraine

(E-mail: bbs@ziet.zhitomir.ua)

EST.981075

Optimising Detectors, Imaging and Computing Technologies from Nuclear Physics in General and Security Applications

27 Oct 2005 - 8 Nov 2005 : Archamps, France

Co-Directors: Dr. Yves Lemoigne, European Scientific Institute, Archamps, France(Fax: 0033 450 953801 E-mail: psfl@compuserve.com)

Dr. Vitali Kaftanov, ITEP, Moscow, Russia

(E-mail: vitali.kaftanov@cern.ch)

PST.981171

Environmental Security**Seasonal to Interannual Climate Variability : its Prediction and Impact on Society**

22 May 2005 - 3 Jun 2005 : Gallipoli, (Lecce) Italy

Co-Directors: Dr. Alberto Troccoli, European Centre for Medium-Range Weather, Reading, United Kingdom (Fax: +44 118 986 9450 E-mail: a.troccoli@ecmwf.int)

Dr. Omar Baddour, National Meteorology of Morocco, Rabat, Morocco

(E-mail: baddour@mtpnet.gov.ma)URL: http://www.ecmwf.int/staff/alberto_troccoli/nato_asi/index.html

EST.981028

New Methodologies and Techniques in Organic Chemistry : Sustainable Development in a Secure Environment (NeMeTOC)

14 Oct 2005 - 23 Oct 2005 : Siena, Italy

Co-Directors: Dr. Alessandro Mordini, Istituto di Chimica del Composti Organometallici, Firenze, Italy (Fax: +39 055 457 3580 E-mail: alessandro.mordini@nnlfi.it)

Prof. Faigl Ferenc, Technical University of Budapest, Hungary

(E-mail: ffalg@mail.bme.hu)

PST.980850

Information Security**Quantum Computation and Quantum Information Theory**

1 May 2005 - 1 May 2005 : Chania, Greece

Co-Directors: Prof. Artur Ekert, University of Cambridge, United Kingdom(Fax: +44 1223 765900 E-mail: artur.ekert@qubit.org)

Prof. Sergei Kulik, Moscow State University, Russia

(E-mail: skulik@qopt.phys.msu.su)

PST.980618

Equidistribution in Number Theory

4 Jul 2005 - 15 Jul 2005 : Montreal , Canada

Co-Directors: Prof. Andrew Granville, Université de Montreal, Canada (Fax: 514 343 5700)

Prof. Zeev Rudnick, Tel-Aviv University, Israel

PST.981107

Logical Aspects of Secure Computer Systems

2 Aug 2005 - 14 Aug 2005 : Marktoberdorf, Germany

Co-Directors: Prof. Helmut Schwichtenberg, Ludwig-Maximilians-Universität, München, Germany (Fax: 49 89 2180 4038 E-mail: schwicht@rz.mathematik.uni-muenchen.de)

Prof. S. Sagiv, Tel-Aviv University, Israel

(E-mail: msagiv@acm.org)

PST.981081

Manipulating Quantum Coherence in Solid State Systems

29 Aug 2005 - 8 Sep 2005 : Cluj-Napoca, Romania

Co-Directors: Prof. Michael Flatte, University of Iowa, United States(Fax: 1 319 353 1115 E-mail: michael_flatte@mailaps.org)

Prof. Ionel Tifrea, Babes-Bolyai University, Cluj-Napoca, Romania

(E-mail: tifrea@phys.ubbcluj.ro)

PST.981105

Medical Countermeasures**Evolving Methods for Macromolecular Crystallography: the Structural Path to the Understanding of the Mechanism of Action of CBRN Agents**

12 May 2005 - 22 May 2005 : Erice, Italy

Co-Directors: Prof. Randy Read, University of Cambridge, United Kingdom(Fax: +44 1223 326827 E-mail: rjr27@cam.ac.uk)

Prof. Joel Sussman, Weizmann Institute of Science, Rehovot, Israel

(E-mail: Joel.Sussman@weizmann.ac.il)

PST.980830