Focus on Russia

Summary of ICTP activities in support of science in Russia
*For the period 1992–2011, 2488 visitors came from Russia; Average presence of women since 2001 is 25% of total visits from 2001–2011.

**Data on female visitors not available before 2001

Data before 1992, is available upon request.
Visitors Summary as of 2011

- Scientific visitors from Russia
  - 2488
  - 291 women since 2001 (25%)

- Russian participation in ICTP Programmes
  - 50 Affiliates from 14 Federated Institutes
  - 9 Associate Members (1 female)
  - 6 TRIL Fellows (1 female)
    - 18 Visits to Italian Laboratories (6 female)
  - 3 ICTP–ELETTRA Students (1 female)
Russia at ICTP
Distinguished Guests

- **Nobel Laureates**
  - Konstantin Novoselov, 2010
    - Visited ICTP in 2007 and 2008
  - Alexei A. Abrikosov, 2003
  - Vitaly L. Ginzburg, 2003
    - Visited ICTP in 1986 and 1987

- **Field Medallists**
  - Stanislav Smirnov, 2010
    - ICTP Lecturer, 2008
  - Vladimir Voevodsky, 2002
    - ICTP Lecturer, 2002
  - Maxim Kontsevich, 1998
    - Visited ICTP in 1995
Russia at ICTP
Distinguished Guests

» (Field Medallists—continued)
  ◦ Grigori Margulis, 1978
    • Also Wolf Prize in Mathematics, 2005
    • ICTP Lecturer at ICTP School and Workshop on Dynamical Systems, 2001

» Abel Prize
  ◦ Mikhail L. Gromov, 2009
    • Visited ICTP in 1985

» AGU Award
  ◦ Ismail–Zadeh, 2009
    • ICTP lecturer and researcher, ICTP SAND Group, 1994
Russia at ICTP
Distinguished Guests

- **Wolf Prize in Mathematics**
  - Vladimir I. Arnol'd, (1937–2010); 2001
    - Visiting Scientist 2006–2009
    - Organizer of College on Singularity Theory in 1991
  - Mikhail Gromov, 1993
    - Visited ICTP in 1985
  - Izrail M. Gelfand, 1978
    - Visited ICTP in 1996
    - Wolf Prize in Physics
Russia at ICTP
Distinguished Guests

- **Beno Gutenberg Medal, 2002**
  - Tatyana Yanovskaya, St. Petersburg State University
    - Collaborated with ICTP–SAND Group since 1990

- **Primo Rovis Prize 2002**
  - Evgeny Pavlovic Velikhov, Russian Academy of Sciences
    - Visited ICTP in 2007, G8 UNESCO Forum
  - Dmitry V. Rundqvist, Russian Academy of Sciences
    - Collaborated with ICTP–SAND group since 1993

- **Lewis Frey Richardson Medal, 1999**
  - Vladimir Keilis–Borok, Russian Academy of Sciences
    - Collaborated with ICTP SAND group since 1987
Russia at ICTP
Russian awardees, ICTP Prizes and Awards

- **Dirac Medal**
  - Alexander Zamolodchikov, 2011
  - Vladimir E. Zakharov, 2003
  - Andrei Linde, 2002
  - Nikolai N. Bogolubov, 1992
  - Yakov G. Sinai, 1992
  - Ludwig D. Faddeev, 1990
  - Efim S. Fradkin, 1988
  - Alexander Polyakov, 1986
  - Yakov Zeldovich, 1985
Russia at ICTP—VIP visits

- Evgeny Pavlovich Velikhov
  ◦ President of Russian Research Centre, Kurchatov Institute

- Dmitry V. Livanov
  ◦ Rector of State Technological University

Russia at ICTP
Notable Scientists

- **Roald Sagdeev**
  - Distinguished Professor at University of Maryland
  - ICTP Speaker, Guest Lecturer of Plasma physics training activities
  - Alexei Starobinsky
- **Workshop on Eternal Inflation, Speaker**
  - Visited ICTP in 2009

- **Viktor Antonovich Sadovnichy**
  - Rector of Lomonosov Moscow State University
  - Visited ICTP in 2006

- **Inessa Vorobieva**
  - Collaborated with ICTP SAND group since 1994
Russia at ICTP
ICTP Scientific Council Members

- Valeri A. Rubakov, 2010
- Vladimir Lebedev, 2004
- Isaac M. Khalatnikov, 1993
- Sagdeev Roald Z., 1989
- Kadomtsev Boris, 1972–1975
- Soloviev Vadim Georgievich, 1964–1970
- Abragam Anatole, 1964
Russia at ICTP
Notable Scientific Staff

- Vladimir Kravtsov
  - Head of ICTP CMSP Section, 2002–present
  - CMSP Staff Member, 1998
  - Staff Associate, 1995
  - Visiting Scientist, 1993
Alexei Smirnov

- ICTP Principal Research Scientist, HECAP Section
- ICTP Staff Associate, 1994–1996
  - 2008 – The Sakurai prize of the American Physical Society with S. P. Mikheyev
  - 2008 – The Markov prize of the Russian Academy of Sciences with S. P. Mikheyev
  - 2007 – Schroedinger guest professor, Vienna
  - 2004 – The Humboldt Research Award
  - 2004 – Award of Japan Society for the Promotion of science
  - 2002 – The Biedenharn endowed chair in physics, Univ. of Texas
Russia at ICTP
Notable Scientific Staff

- Mikhail Kiselev
  - ICTP Research Scientists, CMSP Section, 2007–present
- Boris Altshuler
  - ICTP Consultant, Guest Speaker, CMSP Section, 1987–present
- Alexei Andreanov
  - ICTP Postdoc, CMSP Section, 2009–2012
- Yudson Vladimir
  - ICTP Staff Associate, CMSP Section 2010–2013
- Vladimir Gribkov
  - ICTP Staff Associate, Multidisciplinary Lab, 2010–2013
ICTP in Russia
Support by ICTP's Office of External Activities

- 4 Scientific Meetings
  - International conference on differential equations, function space, approximation theory, Novosibirsk, 5–12 October 2008
  - Fourth international symposium on experimental gravitation, Kazan, Tatarstan, 25 June 2 July 2005
  - Annual international school "Volga", Kazan, Tatarstan, 22 June–4 July 2005
  - First international A.D. Sakharov commemorative conference on physics, Moscow, 27–31 May 1991
Scientific Agreement with the National Academy of Sciences of Belarus, 2006

- To develop and to strengthen scientific cooperation between the parties involving young scientists into the international scientific process and creating conditions for fruitful activities in the national scientific institutions.
The amounts shown on the following pages give a lower-bound estimate of the financial support ICTP has provided to Russian science during the period 1996 to 2011.
## ICTP Financial Support to Russia

### ICTP programmes

<table>
<thead>
<tr>
<th>ICTP programmes</th>
<th>Financial support in Euro</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICTP ELETTRA Programme*</td>
<td>4,000</td>
</tr>
<tr>
<td>OEA Programme</td>
<td>6,500</td>
</tr>
<tr>
<td>Associate Programme</td>
<td>29,000</td>
</tr>
<tr>
<td>Federation Programme</td>
<td>35,000</td>
</tr>
<tr>
<td>Postdoctoral Fellows</td>
<td>47,400</td>
</tr>
<tr>
<td>Research Group Visitors</td>
<td>76,000</td>
</tr>
<tr>
<td>TRIL Programme</td>
<td>180,100</td>
</tr>
<tr>
<td>Conference Participants</td>
<td>521,200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>899,200</strong></td>
</tr>
</tbody>
</table>

*Less than 1%

### ICTP financial support to Russia

**Share by programme, 1996–2011**

- **Conference Participants**: 58%
- **TRIL Programme**: 20%
- **Research Group Visitors**: 9%
- **Postdoctoral Fellows**: 5%
- **Federation Programme**: 4%
- **Associate Programme**: 3%
- **OEA Programme**: 1%

*Less than 1%