



## Workshop on Hyperbolic Dynamics

19/06/2017 - 23/06/2017  
Trieste, Italy

### LOCAL ORGANIZER

---

|                  |  |       |
|------------------|--|-------|
| Luzzatto Stefano | The Abdus Salam International Centre for<br>Theoretical Physics<br>Mathematics Section<br>Strada Costiera 11<br>34151 Trieste<br>ITALY | Italy |
|------------------|--|-------|

### DIRECTORS

---

|                               |   |                    |
|-------------------------------|---|--------------------|
| Dolgopyat Dmitry              | University of Maryland<br>Department of Mathematics<br>Mathematics Building 084<br>College Park MD 20742-4015<br>UNITED STATES OF AMERICA         | Russian Federation |
| Rodriguez Hertz Federico Juan | The Pennsylvania State University<br>Department of Mathematics<br>430 McAllister Building<br>University Park PA 16802<br>UNITED STATES OF AMERICA | Argentina          |
| Sarig Omri                    | Faculty of Mathematics and Computer<br>Science<br>The Weizmann Institute for Science<br>POB 26<br>Rehovot 76100<br>ISRAEL                         | Israel             |

### SPEAKERS

---

|                              |  |        |
|------------------------------|--|--------|
| Avila Cordeiro De Melo Artur | C.N.R.S. UMR 7599<br>Laboratoire de Probabilites et Modeles<br>Aleatoires<br>175, Rue du Chevaleret<br>Paris 75013<br>FRANCE | Brazil |
|------------------------------|--|--------|

|                     |  |                            |
|---------------------|--|----------------------------|
| Bunimovich Leonid   | Georgia Institute of Technology<br>School of Mathematics<br>686 Cherry Street<br>Atlanta GA 30332-0160<br>UNITED STATES OF AMERICA   | United States of America   |
| Burns Keith         | Department of Mathematics<br>Northwestern University<br>2033 Sheridan Road<br>Evanston 60208-2730<br>IL<br>UNITED STATES OF AMERICA  | New Zealand                |
| Crovisier Sylvain   | Laboratoire de Mathematiques<br>Departement de Mathematiques<br>Faculte des Sciences d'Orsay<br>Universite Paris Sud<br>Batiment 425<br>Universite Paris-Sud 11<br>91405 Orsay<br>FRANCE | France                     |
| Denker Manfred      | The Pennsylvania State University<br>Mathematics Dept.<br>University Park<br>State College 16802<br>PA<br>UNITED STATES OF AMERICA   | Germany                    |
| Haydn Nicolai       | University of Southern California<br>Department of Mathematics<br>3620 S. Vermont Ave KAP 108<br>Los Angeles CA 90089<br>UNITED STATES OF AMERICA  | Germany                    |
| Hochman Michael Zvi | Einstein Institute of Mathematics<br>The Hebrew University of Jerusalem<br>Edmond J. Safra Campus, Givat Ram<br>91904 Jerusalem<br>ISRAEL  | Israel                     |
| Hu Huyi             | Department of Mathematics<br>Michigan State University<br>619 Red Cedar Road<br>East Lansing 48824<br>Michigan<br>UNITED STATES OF AMERICA   | People's Republic of China |
| Jakobson Michael    | University of Maryland<br>Department of Mathematics<br>Mathematics Building 084<br>College Park MD 20742-4015<br>UNITED STATES OF AMERICA  | United States of America   |
| Khanin Konstantin   | University of Toronto<br>Department of Mathematics<br>40 St. George Street<br>Toronto Ontario M5S 2E4<br>CANADA  | United Kingdom             |

|                              |   |                          |
|------------------------------|---|--------------------------|
| Liverani Carlangelo          | Universita di Roma Tor Vergata<br>Dipartimento di Matematica<br>Via della Ricerca Scientifica<br>00133 Roma<br>ITALY  | Italy                    |
| Marmi Stefano                | Scuola Normale Superiore di Pisa<br>Centro di Ricerca Matematica, Ennio De<br>Giorgi<br>Palazzo della Carovana<br>I-56100 Pisa<br>ITALY   | Italy                    |
| Pesin Yakov                  | The Pennsylvania State University<br>Department of Mathematics<br>202 Mcallister Building<br>University Park PA 16802<br>UNITED STATES OF AMERICA                                   | United States of America |
| Pinheiro Wilton Jeovan Viana | Universidade Federal da Bahia<br>Instituto de Matematica<br>Av. Ademar de Barros S/N<br>40170-110 Salvador<br>BRAZIL  | Brazil                   |
| Pollicott Mark               | University of Warwick<br>Department of Mathematics<br>Gibbet Hill Road<br>Coventry CV4 7AL<br>UNITED KINGDOM  | United Kingdom           |
| Schmeling Jorg               | Lund University<br>Centre for Mathematical Sciences<br>Box 118<br>22100 Lund<br>SWEDEN  | Germany                  |
| Senti Samuel                 | Instituto de Matematica<br>Universidade Federal do Rio de Janeiro<br>Av. Athos da Silveira Ramos 149, Caixa<br>Postal 68530<br>Rio De Janeiro 21941-909<br>Rio de Janeiro<br>BRAZIL | Switzerland              |
| Shub Michael                 | The City College of New York<br>Division of Science<br>Department of Mathematics<br>North Academic Center 8/201<br>New York<br>UNITED STATES OF AMERICA                             | United States of America |
| Souza Brandao Paulo Rogerio  | Instituto Nacional de Matematica Pura e<br>Aplicada - IMPA<br>Estrada Dona Castorina, 110<br>Rio De Janeiro 22460-320<br>RJ<br>BRAZIL   | Brazil                   |

|                      |  |             |
|----------------------|--|-------------|
| Szasz Domokos        | Budapest University of Technology<br>Institute of Mathematics<br>Department of Stochastics<br>Muegyetem Rakpart 11<br>H Epulet V. Emelet 7<br>1111 Budapest<br>HUNGARY | Hungary     |
| Van Strien Sebastian | Imperial College<br>Department of Mathematics<br>Huxley Building<br>180 Queen's Gate<br>London - SW7 2AZ<br>UNITED KINGDOM   | Netherlands |
| Zhang Ke             | University of Toronto<br>3142 Earth sciences Building<br>Toronto M6S1C6<br>CANADA  | Canada      |

## **PARTICIPANTS**

---

|                            |   |                          |
|----------------------------|---|--------------------------|
| Ahmadi Seyyed Alireza      | University of Sistan and Baluchestan,<br>Department of Mathematics  | Islamic Republic of Iran |
| Akbari Cheshani Jaber      | Department of Mathematics, Faculty of<br>Mathematical Sciences, Shahid Beheshti<br>University                           | Islamic Republic of Iran |
| Akhavan Naghmeh            | University of Guilan  | Islamic Republic of Iran |
| Aujla Jaspal Singh         | Dr B R Ambedkar National Institute of<br>Technology<br>Department of Mathematics<br>Punjab<br>Jalandhar 144011<br>INDIA | India                    |
| Bahsoun Wael               | Loughborough University   | United Kingdom           |
| Baker Simon                | Mathematics institute, University of<br>Warwick   | United Kingdom           |
| Bakrani Balani Sajjad      | Mathematics Department, Imperial College<br>London  | United Kingdom           |
| Begun Nikita               | Department of Mathematics and Computer<br>Science<br>Free University Berlin<br>Arnimallee 6<br>14195 Berlin<br>GERMANY  | Russian Federation       |
| Benitez Lopez Tania Grisel | University of Liverpool   | United Kingdom           |
| Bose Christopher J.        | Mathematics and Statistics<br>University of Victoria<br>P.O. Box 3060 STN CSC<br>Victoria B.C V8W 3R4<br>CANADA         | Canada                   |

|                              |   |                            |
|------------------------------|---|----------------------------|
| Butterley Oliver James       | The Abdus Salam International Centre for Theoretical Physics<br>Mathematics Section<br>Strada Costiera 11<br>34151 Trieste<br>ITALY             | United Kingdom             |
| Cao Yongluo                  | School of mathematical science, Soochow University  | People's Republic of China |
| Dzhalilov Akhtam             | Turin Polytechnic University in Tashkent<br>Dept. of Mathematical and Natural Sciences<br>Kichik Halka Yuli 17<br>Tashkent 100095<br>UZBEKISTAN | Uzbekistan                 |
| Eslami Peyman                | Mathematics Institute<br>University of Warwick<br>Coventry CV4 7AL<br>UNITED KINGDOM  | Islamic Republic of Iran   |
| Fakhari Ghoochan Atigh Abbas | Shahid Beheshti University<br>Faculty of Science<br>Department of Mathematics<br>Even<br>19839 Tehran<br>ISLAMIC REPUBLIC OF IRAN               | Islamic Republic of Iran   |
| Freijo Catalina              | Instituto de Matematica Pura e Aplicada   | Brazil                     |
| Galatolo Stefano             | Universita di Pisa, Dipartimento di Matematica  | Italy                      |
| Hajirabie Zahra              | Tehran<br>Islamic Republic of Iran  | Islamic Republic of Iran   |
| Ishaq Shamsa                 | Lahore College for Women University Jail road Lahore, Pakistan.   | Pakistan                   |
| Karaliolios Nikolaos         | Imperial College London, Department of Mathematics and Natural Sciences   | United Kingdom             |
| Khalili Garakani Mohammad    | Faculty of mathematics, Shahid Beheshti University, Tehran, Iran.   | Islamic Republic of Iran   |
| Khan Muhammad Ali            | Department of Mathematics, Faculty of Science, University of Porto  | Portugal                   |
| Kiamari Niloofar             | Iran University of Science and Technology, Department of Mathematics  | Islamic Republic of Iran   |
| Kryzhevich Sergey            | University of Nova Gorica<br>Vipavska, 13<br>5000 Nova Gorica<br>SLOVENIA   | Russian Federation         |
| Lamei Sanaz                  | Universit of Guilan   | Islamic Republic of Iran   |
| Lutsko Christopher           | Mathematics Department University of Bristol  | United Kingdom             |
| Mamayusupov Khudoyor         | Jacobs University Bremen, School of Mathematics and Logistics   | Germany                    |

|                                |   |                          |
|--------------------------------|---|--------------------------|
| Matrasulov Davronbek Urunovich | Turin Polytechnic University in Tashkent<br>Laboratory for Advanced Studies &<br>Innovation Center<br>17, Niyazov Street<br>Tashkent 100095<br>UZBEKISTAN | Uzbekistan               |
| Mirzaei Reza                   | Department of Mathematics, Faculty of<br>Science, Imam Khomeini International<br>University   | Islamic Republic of Iran |
| Moayedi Razieh                 | Shahid bahonar university of kerman,<br>Mahani research center, Iran. Pro.<br>Mohammadreza Molaei   | Islamic Republic of Iran |
| Mohammadpour Bejargafsheh Reza | Institute of Mathematics Polish Academy<br>of Sciences  | Poland                   |
| Monge Maurizio                 | Universidade Federal do Rio de Janeiro  | Brazil                   |
| Muentes Acevedo Jeovanny       | Universidade de Sao Paulo, Instituto de<br>Matematica e Estatistica, Departamento de<br>Matematica.   | Brazil                   |
| Nassiri Meysam                 | Institute for Research in Fundamental<br>Sciences,<br>School of Mathematics<br>Niavaran Sq.<br>19395-5746 Tehran<br>Niavaran<br>ISLAMIC REPUBLIC OF IRAN  | Islamic Republic of Iran |
| Nayak Tarakanta                | School of Basic Sciences, Indian Institute<br>of Technology Bhubaneswar<br>Toshali Bhawan, Satyanagar<br>Bhubaneswar 751007<br>Orissa<br>INDIA            | India                    |
| Pardo Simon Leticia            | Department of Mathematical Sciences<br>Shool of Physics University of Liverpool   | United Kingdom           |
| Perez Pereira Felipe           | University of Bristol Bristol<br>U.K.   | Chile                    |
| Pilyugin Sergei Yurievich      | St. Petersburg State University<br>Fac. Mathematics & Mechanics<br>Universitetskaya 28<br>Petrodvorets<br>198504 St Petersburg<br>RUSSIAN FEDERATION      | Russian Federation       |
| Pirnapasov Abror               | Mechanical-mathematical Department<br>National University of Uzbekistan<br>Vuzgorodok 1<br>Tashkent<br>UZBEKISTAN   | Uzbekistan               |
| Poletti Merlo Mauricio         | Universite Paris 13, L.A.G.A  | France                   |

|                                 |  |                          |
|---------------------------------|--|--------------------------|
| Rodriguez Hertz Maria Alejandra | Southern University of Science and<br>Technology of China<br>SUSTech<br>1088 Xueyuan Rd.<br>Xili<br>Nanshan District<br>Shenzhen<br>PEOPLE'S REPUBLIC OF CHINA   | Argentina                |
| Ruziboev Marks                  | Mathematics Department, School of<br>Sciences, Loughborough University   | United Kingdom           |
| Saburov Mansur                  | Department of Computational &<br>Theoretical Sciences Faculty of Sciences<br>International Islamic University Malaysia<br>Jalan Bandar Indera Makhota<br>25200 Kuantan<br>Pahang<br>MALAYSIA                 | Uzbekistan               |
| Safae Pedram                    | Stanford University  | United States of America |
| Santos Azevedo Davide Manuel    | Cemapre<br>Rua do Quelhas 6<br>1200-781 Lisboa<br>PORTUGAL   | Portugal                 |
| Schindler Tanja                 | Research School of Finance, Actuarial<br>Studies & Statistics<br>College of Business and Economics<br>The Australian National University<br>CBE Building 26C, Kingsley Street<br>ACT 2601 Acton<br>AUSTRALIA | Germany                  |
| Shabani Abolfazl                | Shahid Beheshti University   | Islamic Republic of Iran |
| Shahidi Farruh                  | The Pennsylvania State University  | United States of America |
| Shannon Nunez Mario Guillermo   | Institut de Mathematiques de Bourgogne -<br>UMR 5584 CNRS- Universite de<br>Bourgogne<br>9 avenue Alain Savary, BP 47870 21078<br>Dijon Cedex<br>Dijon<br>FRANCE   | Uruguay                  |
| Simonelli Lucia Dora            | The Abdus Salam International Centre for<br>Theoretical Physics ICTP<br>Mathematics Section<br>Strada Costiera, 11<br>I-34151 Trieste<br>ITALY   | Italy                    |
| Solomko Anton                   | University of Bristol  | United Kingdom           |
| Spiewak Adam                    | University of Warsaw, Faculty of of<br>Mathematics, Informatics and Mechanics  | Poland                   |
| Takahashi Yuki                  | University of California, Irvine   | United States of America |
| Tureli Sina                     | Imperial College   | United Kingdom           |

|                                  |  |                            |
|----------------------------------|--|----------------------------|
| Ures Raul                        | Southern University of Science and<br>Technology of China<br>SUSTech<br>1088 Xueyuan Rd.<br>Xili<br>Nanshan District<br>Shenzhen<br>PEOPLE'S REPUBLIC OF CHINA | Uruguay                    |
| Vasquez Carlos Humberto          | Instituto de Matematicas<br>Pontificia Universidad Catolica de<br>Valparaiso<br>Blanco Viel 596, Cerro Baron<br>4509 Valparaiso<br>CHILE                       | Chile                      |
| Veconi Dominic                   | The Pennsylvania State University<br>Mathematics Dept.<br>University Park<br>State College 16802<br>PA<br>UNITED STATES OF AMERICA                             | United States of America   |
| Verjovsky Sola' Santiago Alberto | Universidad Nacional Autonoma de<br>Mexico<br>Unidad Cuernavaca<br>Instituto de Matematicas<br>Av. Universidad S/N<br>62251 Cuernavaca Morelos<br>MEXICO       | Mexico                     |
| Vlacci Fabio                     | Universita' degli Studi di Firenze<br>Dipto. di Matematica 'U. Dini'<br>Viale Morgagni 67/A<br>50134 Firenze<br>ITALY  | Italy                      |
| War Khadim Mbacke                | Universite Gaston Berger de Saint-Louis<br>U.F.R. de Mathematiques Appliquees et<br>d'Informatique<br>B.P. 234<br>Saint Louis<br>SENEGAL                       | Senegal                    |
| Zelerowicz Agnieszka             | The Pennsylvania State University,<br>Mathematics Dept.  | United States of America   |
| Zhao Yun                         | Department of Mathematics , Soochow<br>(Suzhou) University   | People's Republic of China |