ICM2014 1小时报告人名单和45分钟报告人名单

ICM 2014 1小时报告人名单

|  |  |  |
| --- | --- | --- |
| 14-Aug | (Thu) | **Speakers** |
| Plenary Lecture 1 | | Ian Agol, *University of California, Berkeley, USA* |
| Plenary Lecture 2 | | Jun-Muk Hwang, *Korea Institute for Advanced Study, Korea* |
| Plenary Lecture 3 | | Emmanuel Candes, *Stanford University, USA* |
| 15-Aug | (Fri) | **Speakers** |
| Plenary Lecture 4 | | James Arthur, *University of Toronto, Canada* |
| Plenary Lecture 5 | | Demetrios Christodoulou, *ETH-Zürich, Switzerland* |
| Plenary Lecture 6 | | János Kollár, *Princeton University, USA* |
| 16-Aug | (Sat) | **Speakers** |
| Plenary Lecture 7 | | Maryam Mirzakhani, *Stanford University, USA* |
| Plenary Lecture 8 | | Franco Brezzi,*IUSS, Pavia, Italy* |
| Plenary Lecture 9 | | Manjul Bhargava,*Princeton University, USA* |
| 18-Aug | (Mon) | **Speakers** |
| Plenary Lecture 10 | | Alexei Borodin, *Massachusetts Institute of Technology, USA* |
| Plenary Lecture 11 | | Jean-François Le Gall, *Université Paris-Sud, France* |
| Plenary Lecture 12 | | Fernando Codá Marques, *IMPA, Brazil* |
| 19-Aug | (Tue) | **Speakers** |
| Plenary Lecture 13 | | Mikhail Lyubich, *SUNY Stony Brook, USA* |
| Plenary Lecture 14 | | Ben Green, *University of Oxford, UK* |
| Plenary Lecture 15 | | Benoit Perthame, *Université Pierre et Marie Curie, France* |
| 20-Aug | (Wed) | **Speakers** |
| Plenary Lecture 16 | | Alan Frieze, *Carnegie Mellon University, USA* |
| Plenary Lecture 17 | | Takuro Mochizuki,*Kyoto University, Japan* |
| Plenary Lecture 18 | | Frank Merle, *Université de Cergy-Pontoise/IHES, France* |
| 21-Aug | (Thu) | **Speakers** |
| Plenary Lecture 19 | | Jonathan Pila, *University of Oxford, UK* |
| Plenary Lecture 20 | | Vojtech Rödl,*Emory University, USA* |
| Plenary Lecture 21 | | Vera Serganova, *University of California, Berkeley, USA* |

ICM 2014 45分钟报告人名单

1 数理逻辑与数学基础（6个）

* François Loeser, Université Pierre et Marie Curie-Paris 6, France / Joint section 4
* Ilijas Farah, York University, Canada
* Zoé Chatzidakis, Université Paris Diderot-Paris 7, France
* Byunghan Kim, Yonsei University, Korea
* Antonio Montalbán, University of California, Berkeley, USA
* Slawomir Solecki, University of Illinois at Urbana-Champaign, USA

2 代数学（8个）

* Seok-Jin Kang, Seoul National University, Korea
* Guillermo Cortinas, Universidad de Buenos Aires, Argentina
* Robert Guralnick, University of Southern California, USA
* Nicolás Andruskiewitsch, Universidad Nacional de Córdoba, Argentina
* Martin Kassabov, Cornell University, USA / Joint section 7
* Olga Kharlampovich, City University of New York, USA / Joint
* Alexei Miasnikov, Stevens Institute of Technology, USA / Joint
* Andrei S. Rapinchuk, University of Virginia, USA
* Karen Smith, University of Michigan, USA / Joint section 4

3 数论（13个）

* Matthew Emerton, University of Chicago, USA
* Harald Helfgott, École Normale Supérieure-Paris, France / Joint section 13
* Dan Goldston, San Jose State University, USA / Joint
* János Pintz, Alfréd Rényi Institute of Mathematics, Hungary / Joint
* Cem Yildirim, Boğaziçi University, Turkey / Joint
* Michael Harris, Institut de Mathématiques de Jussieu, France
* Wee Teck Gan, National University of Singapore, Singapore
* Trevor Wooley, Bristol University, UK
* Peter Scholze, Universität-Bonn, Germany
* Zeev Rudnick, Tel-Aviv University, Israel / Joint section 8
* Jean-Loup Waldspurger, Institut de Mathématiques de Jussieu, France
* Umberto Zannier, Scuola Normale Superiore di Pisa, Italy
* Yitang Zhang, University of New Hampshire, USA
* Tamar Ziegler, Hebrew University and Technion, Israel / Joint section 9

4 代数几何与复几何（10个）

* Kai Behrend, University of British Columbia, Canada
* Mark Gross, University of California at San Diego, USA / Joint
* Bernd Siebert, Universität Hamburg, Germany / Joint
* Bumsig Kim, Korea Institute for Advanced Study, Korea
* Alexander Kuznetsov, Steklov Math Institute, Russia
* Davesh Maulik, Columbia University, USA
* Mircea Mustaţă, University of Michigan, USA
* Keiji Oguiso, Osaka University, Japan
* Bertrand Toën, Université de Montpellier 2., France
* Yukinobu Toda, Kavli-IPMU, Japan
* Mikhail Verbitsky, National Research University HSE, Russia

5 几何学（15个）

* Fuquan Fang, Capital Normal University, China
* Mikhail Belolipetsky, Instituto Nacional de Matemática Pura e Aplicada, Brazil
* Olivier Biquard, École Normale Supérieure Paris, France
* Mohammed Abouzaid, Columbia University, USA / Joint section 6
* Nancy Hingston, College of New Jersey, USA
* Aaron Naber, MIT, USA
* Jeremy Kahn, Brown University, USA / Joint / Joint section 9
* Vladimir Markovic, California Institute of Technology, USA
* Yaron Ostrover, Tel Aviv University, Israel / Joint section 9
* André Neves, Imperial College London, UK
* Hans Ringström, Royal Institute of Technology-Stockholm, Sweden
* Natasa Sesum, Rutgers University, USA
* Gábor Székelyhidi, University of Notre Dame, USA
* Peter Topping, University of Warwick, UK
* Stefan Wenger, University of Fribourg, Switzerland
* Daniel Wise, McGill University, Canada / Joint section 6

6 拓扑学（10个）

* Joseph Ayoub, University of Zürich, Switzerland
* Michael Entov, Technion-Israel Institute of Technology, Israel
* Benson Farb, University of Chicago, USA
* Soren Galatius, Stanford University, USA
* Michael Hill, University of Virginia, USA
* Tao Li, Boston College, USA
* Charles Rezk, University of Illinois at Urbana-Champaign, USA
* John Rognes, University of Oslo, Norway
* Thomas Schick, Universität Göttingen, Germany
* Constantin Teleman, University of California Berkeley, USA

7 Lie理论（10个）

* Konstantin Ardakov, Queen Mary University of London, UK
* Yves Benoist, Université Paris-Sud, France / Joint section 9
* Emmanuel Breuillard, Université Paris-Sud 11, France
* Michela Varagnolo, University de Cergy-Pontoise, France / Joint
* Eric Vasserot, Institut de Mathématiques de Jussieu, France / Joint
* Jonathan Brundan, University of Oregon, USA
* Alexander Furman, University of Illinois at Chicago, USA / Joint section 9
* Alexander Kleshchev, University of Oregon, USA
* Victor Ostrik, University of Oregon, USA
* Bertrand Rémy, Institut Camille Jordan, France
* Nicolas Ressayre, Institut Camille Jordan, France

8 数学分析学及其应用（15个）

* Laszlo Erdös, Institute of Science and Technology, Austria, Austria / Joint section 11 & 12
* Alessio Figalli, University of Texas at Austin, USA
* Kengo Hirachi, University of Tokyo, Japan
* Tuomas Hytönen, University of Helsinki, Finland
* Nets Katz, California Institute of Technology, USA
* Izabella Laba, University of British Columbia, Canada
* László Székelyhidi, Universität Leipzig, Germany / Joint section 10
* Wilhelm Schlag, University of Chicago, USA / Joint section 10
* Tom Sanders, Oxford University, UK / Joint section 13
* Andrea Malchiodi, Scuola Internazionale Superiore di Studi Avanzati, Italy
* Alexander (Sasha) Sodin, Princeton University, USA
* Jill Pipher, Brown University, USA
* Roland Speicher, Universität des Saarlandes, Germany
* Chang-Shou Lin, National Taiwan University, Taiwan
* Adam Marcus, Yale University, USA / Joint / Joint section 13
* Daniel A. Spielman, Yale University, USA / Joint / Joint section 13
* Nikhil Srivastava, Microsoft Research India, India / Joint / Joint section 13

9 动力系统与常微分方程（9）

* Viviane Baladi, CNRS, DMA-Ecole Normale Supérieure, Paris, France, France
* Luigi Chierchia, Universitá degli Studi Roma Tre, Italy / Joint
* Gabriella Pinzari, Universitá degli Studi Roma Tre, Italy / Joint
* Masato Tsujii, Kyushu University, Japan
* Sylvain Crovisier, University Paris-Sud 11, France
* Albert Fathi, ENS de Lyon, France
* Jens Marklof, University of Bristol, UK
* Carlos Gustavo Moreira, IMPA, Brazil
* Mark Pollicott, University of Warwick, UK
* Sebastian van Strien, Imperial College London, UK / Joint
* Weixiao Shen, National University Singapore, Singapore / Joint

10 偏微分方程（13）

* Panagiota Daskalopoulos, Columbia University, USA
* Mihalis Dafermos, University of Cambridge, UK / Joint section 11
* Luis Silvestre, University of Chicago, USA
* Robert Jerrard, University of Toronto, Canada
* Ki-Ahm Lee, Seoul National University, Korea
* Robert J. McCann, University of Toronto, Canada
* Laure Saint-Raymond, Ècole Normale Supérieure, France
* Isabelle Gallagher, Université Paris-Diderot, France
* Shih-Hsien Yu, National University of Singapore, Singapore
* Pierre Raphael, Universite de Nice Sophia Antipolis, France / Joint section 11
* Jeremie Szeftel, Université Pierre et Marie Curie, France
* Andras Vasy, Stanford University, USA
* Juncheng Wei, Chinese University of Hong Kong, Hong Kong

11 数学物理学（12个）

* Anton Alekseev, Université de Genève, Switzerland
* Ivan Corwin, Clay Mathematics Institute, Columbia University and Institute Henri Poincare, USA
* Bertrand Duplantier, Institut de Physique Theorique, France
* Samson Shatashvili, Trinity College, Ireland
* Vladimir Fock, Université de Strasbourg et CNRS, France
* Anton Gerasimov, Institute of Theoretical and Experimental Physics, Russia
* Robert Seiringer, Institute of Science and Technology Austria, Austria
* Rinat Kedem, University of Illinois at Urbana-Champaign, USA
* Sandrine Péché, Université Paris-Diderot, France / Joint section 12
* Seung-Yeal Ha, Seoul National University, Korea / Joint section 17
* Bertrand Eynard, Institut de Physique Théorique, France
* Jörg Teschner, Universität Hamburg, Germany

12 概率与统计（13个）

* Sourav Chatterjee, New York University, USA
* Geoffrey Grimmett, University of Cambridge, UK
* Takashi Kumagai, Kyoto University, Japan
* Martin Hairer, University of Warwick, UK
* Michel Ledoux, Université de Toulouse, France
* Russell Lyons, Indiana University, USA
* Terry Lyons, University of Oxford, UK
* Timo Seppäläinen, University of Wisconsin, USA
* Kenneth Lange, University of California at Los Angeles, USA / Joint section 17
* Alexandre Tsybakov, CREST-ENSAE, France
* Vladas Sidoravicius, Instituto Nacional de Matemática Pura e Aplicada, Brazil
* Bálint Virág, University of Toronto, Canada
* Martin Wainwright, University of California Berkeley, USA

13 组合学（10个）

* David Conlon, University of Oxford, UK
* Maria Chudnovsky, Columbia University, USA
* Michael Krivelevich, Tel Aviv University, Israel
* Daniela Kühn, University of Birmingham, UK / Joint
* Deryk Osthus, University of Birmingham, UK / Joint
* Marc Noy, Universitat Politécnica de Catalunya, Spain
* Grigorii Olshanskii, Institute for Information Transmission Problems, Russia
* János Pach, École Polytechnique Fédérale de Lausanne, Switzerland
* Angelika Steger, ETH-Zürich, Switzerland
* Van Vu, Yale University, USA
* Jacob Fox, MIT, USA

14 计算机科学中的数学（8）

* Boaz Barak, Microsoft Research, USA
* Mark Braverman, Princeton University, USA
* Andrei Bulatov, Simon Fraser University, Canada
* Julia Chuzhoy, Toyota Technological Institute at Chicago, USA
* Craig Gentry, IBM Research Thomas J. Watson Research, USA
* Ryan O'Donnell, Carnegie Mellon University, USA
* Ryan Williams, Stanford University, USA
* Sergey Yekhanin, Microsoft Research, USA

15 数值分析与科学计算（6个）

* Rémi Abgrall, University of Zurich, Switzerland, France
* Chi-Wang Shu, Brown University, USA
* Yalchin Efendiev, Texas A&M University, USA
* Annalisa Buffa, Istituto die Matematica Applicata e Tecnologie Informatiche, Italy
* Denis Talay, INRIA, France
* Ya-xiang Yuan, Chinese Academy of Sciences, China / Joint section 16

16 控制论与最优化（6个）

* Friedrich Eisenbrand, École Polytechnique Fédèrale de Lausanne, Switzerland
* Pierre Rouchon, Centre Automatique et Systémes, France
* Adrian Stephen Lewis, Cornell University, USA
* Luc Robbiano, Université de Versailles Saint-Quentin-en-Yvelines, France
* Monique Laurent, Centrum Wiskunde & Informatica, Netherlands
* Jiongmin Yong, University of Central Florida, USA

17 数学在科学与技术中的应用（10个）

* Weizhu Bao, National University of Singapore, Singapore
* Anna Gilbert, University of Michigan, USA
* Eric Cances, Ecole des Ponts ParisTech, France
* Andrea Braides, Universitá di Roma Tor Vergata, Italy
* Jean-Michel Morel, Ecole Normale Supérieure de Cachan, France
* Barbara Niethammer, University of Bonn, Germany
* Hinke Osinga, The University of Auckland, New Zealand
* Batmanathan Dayanand (Daya) Reddy, University of Cape Town, South Africa
* Andrew Stuart, University of Warwick, UK
* Thaleia Zariphopoulou, University of Texas at Austin, USA

18 数学教育（2个）

* Étienne Ghys, Lyon University, France
* Günter M. Ziegler, Freie Universität Berlin, Germany

19 数学史（3个）

* Han Qi, Chinese Academy of Sciences, China
* Reinhard Siegmund-Schultze, University of Agder, Norway
* Dominique Tournes, University of La Reunion, France

通过对这些报告名单进行统计分析ICM 2014做1小时报告和45钟报告的名单，结果表明：

ICM2014一小时大会报告共邀请了21位数学家，其中美国10位，法国3位，英国2位，日本、韩国、瑞士、比利时、加拿大、意大利等国家各1位。

美国10位被邀请做一小时报告的数学家中，有5位是来自俄罗斯和东欧（匈牙利、捷克）的数学家，目前都在美国一流大学（麻省理工学院、加州大学伯克利分校、普林斯顿大学等）任职，还有3位分别来自伊朗、法国和英国。有2位在麻省理工学院、加州大学伯克利分校任教的数学家（Alexei Borodin和Vera Serganova）都毕业于莫斯科大学。这从一个侧面反映了苏联解体以后，俄罗斯的人才流失非常严重。另外，来自美国本土的数学家只有2位。

ICM2014上做45分钟分组报告的有近200人，其中华裔和中国数学家共有14人，分别是张益唐、方复全、李涛、林长寿、沈维孝、魏军城、尤释贤、舒其望、袁亚湘、雍炯敏、包维柱、韩琦、蕭文强、颜维德。中国数学家有3人，首都师范大学的方复全，中科院的袁亚湘和韩琦。其中方复全在几何分会，袁亚湘在数值分析和科学计算分会，韩琦在数学史分会。

在45分钟分组报告的数学家里，来自美国的占了半壁江山。有很多美国数学家是来自前苏联和东欧，这表明美国仍是吸引全世界优秀人才的国家。

(中国科学院文献情报中心, 刘小平)