

第 21 届国际生物固氮大会第一轮通知

生物固氮在自然界氮素循环和农业生产中具有十分重要的地位,开展生物固氮相关的研究和应用是解决粮食安全和应对能源危机的重要举措之一,也是实现环境友好及农业可持续发展的关键所在。两年一届的国际固氮大会是本研究领域的规模最大、规格最高、权威性最强的国际学术会议。大会定于2019年10月10日~15日在武汉华中农业大学召开,将邀请固氮领域具有重要学术影响的专家学者及优秀青年科学家做学术报告。我们代表第21届国际生物固氮大会(ICNF 2019)组委会,诚挚邀请国内外同行参加本次会议。

◎ 国际生物固氮大会委员会

Barbara Reinhold-Hurek, University of Bremen, Germany (Chair)

María J. Delgado, Consejo Superior de Investigaciones Científicas (CSIC), Spain

Ray Dixon, John Innes Centre, UK; Chinese Academy of Sciences, China

Sharon R. Long, Stanford University, USA

Esperanza Martínez-Romero, Universidad Nacional Autónoma de México, Mexico

Kiwamu Minamisawa, Tohoku University, Japan

Graham O'Hara, Murdoch University, Australia

John W. Peters, Montana State University & Washington State University, USA

Luis M. Rubio, Universidad Politécnica de Madrid, Spain

Igor A. Tikhonovich, All-Russia Research Institute for Agricultural Microbiology & Saint Petersburg State University, Russia

Yiping Wang, Peking University, China

◎ ICNF 2019 科学指导委员会

Wenxin Chen, China Agricultural University, China

María J. Delgado, Consejo Superior de Investigaciones Científicas (CSIC), Spain

Ray Dixon, John Innes Centre, UK; Chinese Academy of Sciences, China

Rene Geurts, Wageningen University, Netherlands

Clare Gough, LIPM, Université de Toulouse, INRA, CNRS, France

Georgina Hernandez, Universidad Nacional Autónoma de México, Mexico

Éva Kondorosi, Hungarian Academy of Sciences, Hungary

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Catherine Masson-Boivin, LIPM, Université de Toulouse, INRA, CNRS, France

Ulrike Mathesius, Australia National University, Australia
Kiwamu Minamisawa, Tohoku University, Japan
Katharina Pawlowski, Stockholm University, Sweden
Fábio O. Pedrosa, Universidade Federal do Paraná, Brazil
John W. Peters, Montana State University & Washington State University, USA
Jens Stougaard, Aarhus University, Denmark
Simona Radutoiu, Aarhus University, Denmark
Barbara Reinhold-Hurek, University of Bremen, Germany
Luis M. Rubio, Universidad Politécnica de Madrid, Spain
Gary Stacey, University of Missouri, USA
Ertao Wang, Chinese Academy of Sciences, China
Yiping Wang, Peking University, China
JinDong Zhao, Peking University, China

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★ Opening session (keynote speeches)

Gary Stacey (University of Missouri, USA)

Yiping Wang (Peking University, China)

★ Closing session (summary speeches)

Éva Kondorosi (Institute of Biochemistry, Biological Research Center of the Hungarian Academy of Sciences, Hungary)

★ Plenary sessions

- 1, Chemistry and regulation of nitrogenase;
Chairs: John W. Peters; Sanfeng Chen
- 2, Free-Living, endophytic and associative nitrogen fixation;
Chairs: Barbara Reinhold-Hurek; Jindong Zhao
- 3, Legume nodule development;
Chairs: Éva Kondorosi; Jeanne M. Harris
- 4, Synthetic biology;
Chairs: Sharon R. Long; Yiping Wang
- 5, Diversity, evolution, and genomics of nitrogen fixation in plants;
Chairs: Ton Bisseling; Katharina Pawlowski
- 6, Diversity, evolution, and genomics of nitrogen fixation in bacteria;
Chairs: Ray Dixon; Min Lin
- 7, Legume symbiotic signal transduction;
Chairs: Jens Stougaard; Ertao Wang
- 8, Interaction of symbiosis with environments;
Chairs: Kiwamu Minamisawa; Xuelu Wang

★ Parallel sessions

- 1, Global changes and nitrogen fixation systems;
Chairs: María J. Delgado; Youguo Li
- 2, Autoregulation of legume nodulation;
Chairs: Peter M. Gresshoff; Fang Xie
- 3, Free living nitrogen fixing organisms;
Chairs: Changfu Tian
- 4, Evolution of root nodule symbiosis;
Chairs: Rene Geurts; Zhongming Zhang
- 5, The legume-rhizobium interaction;
Chairs: Simona Radutoiu; Yangrong Cao
- 6, Cyanobacteria and aquatic nitrogen fixation;
Chairs: Chengcai Zhang
- 7, Interaction of symbiosis with hormones;
Chairs: Krzysztof Szczyglowski; Shiyong Sun
- 8, Application of nitrogen fixation;
Chairs: Luis M. Rubio
- 9, Root microbiomes and nitrogen fixation;
Chairs: Esperanza Martínez-Romero
- 10, Novel technology in nitrogen fixation;
Chairs: Deqiang Duanmu; Zhipeng Zhou

© 已确定受邀参会的报告人(按姓氏字母顺序)

- Kasper Røjkjær Andersen (Aarhus University, Denmark)
Manuel Becana (Departamento de Nutrición Vegetal, Estación Experimental de Aula Dei, Consejo Superior de Investigaciones Científicas, Spain)
Alexandre Boscari (INRA/CNRS, Sophia Antipolis Cedex, France)
Yangrong Cao (Huazhong Agricultural University, China)
María J Delgado (Estación Experimental del Zaidín, CSIC, Granada, Spain)
Ray Dixon (John Innes Research Centre, UK)
Oliver Einsle (Albert-Ludwigs-Universität Freiburg, Germany)
Caroline S. Harwood (University of Washington, USA)
Yilin Hu (University of California, Irvine, USA)
Éva Kondorosi (Institute of Biochemistry, Biological Research Center of the Hungarian Academy of Sciences, Hungary)
Marc Libault (University of Nebraska-Lincoln, United States)
Sharon Long (Stanford University, USA)
Ulrike Mathesius (Australian National University, Australia)

Kiwamu Minamisawa (Tohoku University, Japan)
Andreas Niebel (Université de Toulouse, France)
Giles Oldroyd (John Innes Centre, United Kingdom)
Philip Poole (University of Oxford, UK.)
Simona Radutoiu (Aarhus University, Aarhus, Denmark)
Dugald Reid (Aarhus University, Denmark)
Joel Sachs (University of California, USA)
Juan Sanjuan (Estación Experimental del Zaidín, CSIC, Granada, Spain)
Emanuel M. Souza (Federal University of Paraná (UFPR), Brazil)
Gary Stacey (University of Missouri, USA)
Akihiro Suzuki (Saga University, Japan)
Krzysztof Szczyglowski (AAFC-Canada)
Toshiki Uchiumi (Kagoshima University, Kagoshima, Japan)
Yiping Wang (Peking University, China)
Ertao Wang (Chinese Academy of Sciences, China)
Xuelu Wang (Huazhong Agricultural University, China)
Youning Wang (Huazhong Agricultural University, China)
Zubin Xie (State Key Laboratory of Soil and Sustainable Agriculture, Institute of Soil Science, Chinese Academy of Sciences, China)
Yongliang Yan (Chinese Academy of Agricultural Sciences, China)

会议将邀请本领域的知名学者（目前已经有 50 多位知名专家确定参会作主持人或作报告），并从提交的摘要择优做口头报告。口头报告分为大会报告（25 分钟，20 分钟报告+5 分钟提问）、专题报告（20 分钟，15 分钟报告+5 分钟提问）和遴选的论文摘要作者的口头报告（8 分钟）。

摘要征集：请按照会议网页上提供的模板撰写摘要，在会议网站上按照专题投递。提交摘要时可以在网站上选择是否有意向做会议口头报告。

墙报：请参会代表在会议网站上选择是否参加墙报展示并按照专题投递。优秀墙报由评奖委员会推荐产生，并颁发证书与奖金。

有关该会议详细信息请查看：<http://2019icnf.csp.escience.cn>

重要信息速览

ICNF 2019 大会信息

会议时间：2019 年 10 月 10 日~15 日

会议地址：武汉市 华中农业大学

承办单位：华中农业大学生命科学技术学院

组委会主席：王学路

组委会委员(按姓氏排序)：曹扬荣, 陈三凤, 李友国, 李霞, 梁岩, 林敏, Jeremy Murray, Gary Stacey, 田长富, 王二涛, 王忆平, 谢芳, 谢祖斌, 徐曙彤, 张忠明, 周志鹏

组委会秘书：孙世勇, 端木德强, 夏春皎

会议网址：<http://2019icnf.csp.escience.cn>

会议联系人

会议注册及住宿：端木德强, 电话：18694067218; 邮箱：icnf2019@163.com

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招商赞助：周志鹏, 电话：13488881319; 邮箱：zhouzhipeng@mail.hzau.edu.cn

重要截止日期

Early Registration: April 1, 2019

Standard Registration: July 1, 2019

Abstract Submission: August 10, 2019

Late Registration: September 10, 2019

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2019 年 2 月 24 日