PTM2020
The 8th International Conference on Solid→Solid Phase Transformations in Inorganic Materials
June 29th - July 3rd, 2020 Xi’an, China
Call for Papers (2nd Announcement)
Organized by
The Chinese Society for Metals (CSM)
Co-sponsored by
The Japan Institute of Metals and Materials (JIM)
Materials Australia (MA)
The Chinese Materials Research Society (C-MRS)
The Korean Institute of Metals and Materials (KIM)
The Minerals, Metals & Materials Society (TMS)
Conference Website: www.ptm2020.com
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Important Dates

- Extended Abstract Submission Deadline
  Saturday, February 15, 2020
- Aaronson Award Application Deadline
  Saturday, February 15, 2020
- Author’s Registration Deadline
  Sunday, March 1, 2020
- Early Registration Deadline (Regular Participant)
  Wednesday, April 1, 2020
- Deadline for Conference Registration and Hotel Reservation Cancellations
  Monday, June 15, 2020
- Registration
  Sunday, June 28, 2020
- Conference
  June 29-July 3, 2020
Invitation to PTM2020

Dear Colleagues,

It is our pleasure to announce that the 8th International Conference on Solid→Solid Phase Transformations in Inorganic Materials (PTM2020) will be held in Xi’an, China from June 29 to July 3, 2020. The goal of PTM2020 is to bring together international experts on solid→solid state phase transformation from academia and industry to meet and discuss their research each other in a friendly atmosphere.

Together with Athens, Cairo and Rome, Xi’an is among the four major ancient civilization capitals of the world. It is on the natural westward land route out of China into Central Asia, the starting point and terminus of the Silk Road, which brought the city material wealth as well as religious and cultural melting for over a thoUnited States of Americaand years. Xi’an boasts a history of more than 3,000 years, of which more than 1100 years were as the national capital for 13 dynasties. It has many places of historic interest, including: the Terracotta Warriors, the Banpo Museum, the Huaqing Spring, Shaanxi Museum of History, etc. In addition to technical program, a varied social program is planned for all participants and their companions.

We invite you to join us in Xi’an and look forward to hosting a successful and inspiring conference!

Prof. Zhigang Yang
Tsinghua University
Chairman of Organizing Committee of PTM2020

Conference Outline

Date: June 29-July 3, 2020
Venue: Xi’an Qujiang International Conference Center
Official Language: English
History and Scope

The International Conference on Solid→Solid Phase Transformations in Inorganic Materials (PTM), held every 5 years, is organized in a way to maximize the interaction and discussion between researchers in the field. The 8th PTM conference will be held in China for the first time, the previous conferences being held in:

1981 - Pittsburgh, United States of America
1987 - Cambridge, United Kingdom
1994 - Nemacolin Woodlands, United States of America
1999 - Kyoto, Japan
2005 - Phoenix, United States of America
2010 - Avignon, France
2015 - Whistler, Canada

The following broad topics will be covered by PTM2020, include but not limited to:

- Diffusional transformations including nucleation, growth, coarsening, precipitation, spinodal decomposition, interphase migration, austenite-ferrite transformation, order-disorder transformations, elasticity
- Displacive transformations including martensitic transformations and shape memory alloys
- Advances in experimental techniques including scattering and diffraction techniques, atom probe, high-resolution electron microscopy and laser ultrasonics
- Advances in modelling and simulation including atomistic simulations, phase field and other meso-scale simulations, multi-scale modelling, fundamentals of structures, thermodynamics and diffusion
- Industrial applications including phase transformations in advanced high strength steels, thermo-mechanical processing, welding and nuclear materials
- Emerging areas including phase transformations during additive manufacturing, phase transitions in interfaces, high entropy alloys; amorphous alloys/quasicrystals, nanomaterials and materials for sustainable energy
Organizers / Committees

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Co-sponsored by
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Materials Australia (MA)
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The Korean Institute of Metals and Materials (KIM)
The Minerals, Metals & Materials Society (TMS)

Organizing Committee
Zhigang Yang (Chair), Professor of Tsinghua University
Hao Chen, Associate Professor of Tsinghua University
Chengjia Shang, Professor of University of Science & Technology Beijing
Qing Song (Secretary General), Professor of The Chinese Society for Metals
Xinjiang Wang, Professor of The Chinese Society for Metals

Advisor to The Organizing Committee
Yuqing Weng, Academician, The Chinese Society for Metals

International Scientific Committee
Markus Apel RWTH Aachen University Germany
Benoit Appolaire University of Lorraine France
Annika Borgenstam The Royal Institute of Technology Sweden
Francisca G. Caballero Spanish National Center for Metallurgical Research (CENIM-CSIC) Spain
Long-Qing Chen Penn State University United States of America
Amy J. Clarke Colorado School of Mines United States of America
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<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Country</th>
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<tbody>
<tr>
<td>Alexis Deschamps</td>
<td>Grenoble Institute of Technology</td>
<td>France</td>
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<td>Masato Enomoto</td>
<td>Ibaraki University</td>
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<td>Alphonse Finel</td>
<td>University of Paris-Saclay</td>
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<td>Tadashi Furuhara</td>
<td>Tohoku University</td>
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<td>Hélio Goldenstein</td>
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<td>James M. Howe</td>
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<td>Mingxin Huang</td>
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<td>Christopher</td>
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<td>Ernst Kozeschnik</td>
<td>Technische Universität Wien</td>
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<td>Yanjun Li</td>
<td>Norwegian University of Science and Technology</td>
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<td>Lei Lu</td>
<td>Shenyang National Laboratory for Materials Science</td>
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<td>Haiwen Luo</td>
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<td>Emmanuelle</td>
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<td>Knut Marthinsen</td>
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<td>Matthias Militzer</td>
<td>The University of British Columbia</td>
<td>Canada</td>
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<td>Goro Miyamoto</td>
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<td>Tetsuo Mohri</td>
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<td>Jianfeng Nie</td>
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<td>Michel Perez</td>
<td>Institut National des Sciences</td>
<td>France</td>
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<td>Eugen Rabkin</td>
<td>Technion-Israel Institute of Technology</td>
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<td>Michel Rappaz</td>
<td>Ecole Polytechnique Fédérale de LaUnited States of Americanne</td>
<td>Switzerland</td>
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<td>Jose M. Rodriguez-Ibabe</td>
<td>University of Navarra</td>
<td>Spain</td>
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<td>Chadwick W. Sinclair</td>
<td>The University of British Columbia</td>
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<td>Ingo Steinbach</td>
<td>Ruhr-University Bochum</td>
<td>Germany</td>
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<td>Peter W. Voorhees</td>
<td>Northwestern University</td>
<td>United States of America</td>
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<td>Yunzhi Wang</td>
<td>The Ohio State University</td>
<td>United States of America</td>
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<td>Wei XU</td>
<td>Northeastern University</td>
<td>China</td>
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<td>Jer-Ren Yang</td>
<td>National Taiwan University</td>
<td>Taiwan, China</td>
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<td>Wenzheng Zhang</td>
<td>Tsinghua University</td>
<td>China</td>
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<td>Hatem S. Zurob</td>
<td>McMaster University</td>
<td>Canada</td>
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Plenary Speakers

Tadashi Furuhara (Hillert-Cahn Lecturer)
Professor
Tohoku University, Japan

Presentation Title: Interface in solid-solid transformation - interplay of kinetics and crystallography

Tadashi Furuhara is a Professor and a Deputy Director of the Institute for Materials Research (IMR), Tohoku University, Japan. He obtained Bachelor and Master degrees at Kyoto University, Japan and a PhD at Carnegie Mellon University, U.S.A. Immediately after graduation, he joined the faculty of engineering, Kyoto University in 1989 and made research and education as an assistant and associate professor. Then he became a professor at Tohoku University in 2005.

His research activity covers a broad area in physical metallurgy of steels and non-ferrous alloys, such as phase transformations and precipitation, deformation and recrystallization, microstructure control by thermo-mechanical and thermo-chemical processing. Particularly, crystallography and interfacial phenomena in solid-solid phase transformation and their relation to nucleation and growth kinetics are main subjects of interest throughout his entire career.

He also actively contributes to various academic societies in metallurgy field, the Japan Institute of Metals and Materials (JIM), the Iron and Steel Institute of Japan (ISIJ), the Japan Society for Heat Treatment (JSHT), the Minerals, Metals & Materials Society (TMS) and ASM International (ASMI). He was a past vice president of JIM and currently a vice president of ISIJ. He is also an editor of Acta and Scripta Materialia.
Long-Qing Chen
Professor
The Pennsylvania State University, United States of America

Presentation Title: To be determined

Chen is Hamer Professor of Materials Science and Engineering, Professor of Engineering Science and Mechanics, and Professor of Mathematics at Penn State and the Editor-in-Chief for npj Computational Materials by Springer-Nature. He received his Ph.D. from MIT in Materials Science and Engineering in 1990 and joined the faculty at Penn State in 1992. He has published over 600 papers (with > 40,000 total citations and H-index of 95 according to the Google Scholars) in the area of computational phase transformations and microstructure evolution and multiscale modeling of structural metallic alloys, functional oxide thin films, and energy materials and is a Clarivate Analytics Highly Cited Researcher. He received the 2014 MRS Materials Theory Award, a Guggenheim Fellowship in 2005, a Humboldt Research Prize in 2017, 2011 The Minerals, Metals and Materials Society (TMS) EMPMD Distinguished Scientist Award, 2008 ASM International Silver Medal, and the 2015 Lee Hsun Lecture Award by the Shenyang Institute for Metals of the Chinese Academy of Sciences. He is a Fellow and Life Member of TMS and a Fellow of the Materials Research Society (MRS), American Physical Society (APS), American Association for the Advancement of Sciences (AAAS), American Ceramic Society (ACerS), and ASM International (ASM).
Alexis Deschamps
Professor
Univ. Grenoble Alpes, France

Presentation Title: Kinetics of phase transformations: what do we learn from in-situ studies?

Alexis Deschamps did his undergraduate studies at Ecole Centrale de Paris in France, followed by a Master degree at McMaster University in Canada and a PhD at Grenoble Institute of Technology, France. After a post-doctoral stay at UBC, Vancouver, Canada, he has held an academic position at the Grenoble Institute of Technology since 1998, with research stays at Monash University, UBC and NTNU. His main research focus is on the experimental determination of the kinetics of phase transformations, mainly in aluminum alloys and in steels, using the combination of large scale facilities, electron microscopy and atom probe tomography. His broader research area deals with the link between the obtained microstructures and various properties, including strength, strain hardening, fracture and corrosion.
Jeffrey Hoyt
Professor
McMaster University, Canada

Presentation Title: Phase transformations and molecular dynamics simulations

In 1986, Jeff Hoyt received his PhD in Physical Metallurgy from the University of California, Berkeley. From 1988-1996, he was a faculty member in the Department of Mechanical and Materials Engineering at Washington State University. For the next ten years Dr. Hoyt was a member of the technical staff at the Sandia National Laboratories at both the Livermore, CA and Albuquerque, NM sites. In 2007 Dr. Hoyt returned to academia and joined the faculty at McMaster University in the Department of Materials science and Engineering. After serving as Department chair for five years, Prof. Hoyt semi-retired in 2016. Prof. Hoyt’s research interest is all aspects of phase transformations, as well as computational techniques such as molecular dynamics and Monte Carlo methods.
Dr. Alejandro G. Marangoni is a Professor and Tier I Canada Research Chair in Food, Health and Aging at the University of Guelph, Canada. His work concentrates on the physical properties of lipidal materials in foods, cosmetics and biolubricants. With an H-index of 70 and 18,000 citations of his work, he has published over 400 refereed research articles, 82 book chapters, 18 books, and over 40 patents. He is the recipient of many awards including the 2013 AOCS Stephen Chang award, the 2014 IFT Chang Award in Lipid Science, the 2014 AOCS Supelco/Nicholas Pelick Award, the 2015 ISF Kaufmann Medal, the 2017 AOCS Alton E. Bailey Medal, and the 2019 European Lipid Technology Award from Euro Fed Lipids. Marangoni is a fellow of the American Oil Chemists’ Society, the Institute of Food Technologists and the Royal Society of Chemistry (U.K.). He is the first Editor in Chief of both Current Opinion and Current Research in Food Science, EIC of the Lipid Library (AOCS), and past EIC of Food Research International. Dr. Marangoni has trained over 100 people in his laboratory; many occupy positions of importance in the academe and industry, including 13 professors at major North American universities. Dr. Marangoni was honored as one of the 10 most influential Hispanic Canadians in 2012 and a Fellow of the Royal Society of Canada, the National Academy of Sciences, in 2018.
Matthias Militzer
Professor
The University of British Columbia, Canada

Presentation Title: To be determined

Matthias Militzer is the ArcelorMittal Dofasco Chair in Advanced Steel Processing and the Director of the Centre for Metallurgical Process Engineering at the University of British Columbia in Vancouver. He received a Diploma in Physics from the University of Technology in Dresden, Germany in 1983 and a Ph.D. in Metal Physics from the Academy of Sciences in East Germany in 1987. He moved to Canada in 1990 where he was first a Postdoctoral Fellow at McGill University before joining the University of British Columbia in 1993. He has published more than 200 papers in refereed journals and conference proceedings. His primary field of research is modelling the microstructure evolution during thermo-mechanical processing of steels and other metals. Currently, his major research activities include multi-scale modelling of phase transformations in steels, accelerated cooling of steels and in-situ measurements of microstructures using laser ultrasonics for metallurgy. He is a Fellow of the Canadian Institute for Mining, Metallurgy and Petroleum (CIM) and received the ASM Henry Marion Howe Medal 2010 and the Canadian Metal Physics Award in 2014.
Wenzheng Zhang
Professor
Tsinghua University, China

Presentation Title: To be determined

Wenzheng Zhang graduated from Fuzhou University in 1978, and earned her M.D. from USTB in 1983 and Ph.D. from McMaster University in 1991. She joined Tsinghua University in 1997, and became a professor in the Department (School) of Material Science and Engineering since 1999. Her research interests focus on quantitative understanding of microstructures developed from solid-state phase transformations. She identified the general features of preferred interfaces between the precipitates and the matrix in terms of singularity and periodicity, and developed a generic approach for quantitatively interpreting the precipitation crystallography, especially with measurable $\Delta g$ reciprocal vectors. She and her students have continuously made advances in the interfacial dislocation theory, for calculating the geometries of preferred interfaces and complicated dislocation structures. They also made progress on the experimental and simulation study of interface migration, and revealed the shear-coupled migration of the habit plane as the cause to the surface relief effect associated with growth of precipitates. In addition, her team has contributed both free software and database to facilitate the study of transformation crystallography. Wenzheng Zhang has authored ~130 peer-reviewed papers. She is a member of Phase Transformations Committee (TMS) and Committee of Defects in Solids (Chinese Society of Physics).
Invited Speakers

Sébastien Yves Pierre Allain
Institut Jean Lamour
France

Markus Apel
RWTH Aachen University
Germany

Benoît Appolaire
University of Lorraine
France

Pascal Bellon
University of Illinois Urbana-Champaign
United States of America

Annika Borgenstam
KTH Royal Institute of Technology
Sweden

Laure Bourgeois
Monash University
Australia

Yann Le Bouar
Laboratoire d'Etude
des Microstructures (Onera-CNRS)
France

Francisca G. Caballero
Spanish National Center for Metallurgical Research (CENIM-CSIC)
Spain

Jianghua Chen
Hunan University
China

Amy Clarke
Colarado School of Mines
United States of America

Sabine Denis
University of Lorraine
France

Hongbiao Dong
University of Leicester
United Kingdom

Alphonse Finel
Laboratoire d'Etude
des Microstructures (Onera-CNRS)
France

Damien Fabrègue
INSA Lyon
France

Hamish Fraser
The Ohio State University
United States of America

Ernst Gamsjäger
Montanuniversitaet Leoben
Austria

Hélio Goldenstein
University of São Paulo
Brazil

Heung Nam Han
Seoul National University
Korea

Mingxin Huang
The University of Hong Kong
Hong Kong, China

Tilmann Hickel
Max-Planck-Institut
für Eisenforschung GmbH
Germany

Zengbao Jiao
The Hong Kong Polytechnic University
Hongkong, China

Xuejwn Jin
Shanghai Jiao Tong University
China

Ernst Kozeschnik
Vienna University of Technology
Austria
<table>
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<tr>
<th>Name</th>
<th>Institution and Location</th>
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<tbody>
<tr>
<td>Huijun Li</td>
<td>University of Wollongong, Australia</td>
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<td>Tong Li</td>
<td>Ruhr-Universität Bochum, Germany</td>
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<td>University of Science and Technology, Beijing, China</td>
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<td>Jian Luo</td>
<td>University of California, San Diego, United States of America</td>
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<td>Knut Marthinsen</td>
<td>Norwegian University of Science and Technology, Norway</td>
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<td>Bonvalet Manon</td>
<td>KTH Royal Institute of Technology, Sweden</td>
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<td>Tohoku University, Japan</td>
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<td>Jörg Neugebauer</td>
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<td>Elena Pereloma</td>
<td>University of Wollongong, Australia</td>
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<td>Sophie Primig</td>
<td>UNSW Sydney, Australia</td>
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<td>Dong Qiu</td>
<td>RMIT University, Australia</td>
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<td>Ma Qian</td>
<td>RMIT University, Australia</td>
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<td>Eugen Rabkin</td>
<td>Israel Institute of Technology (Technion), Israel</td>
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<td>Pedro Eduardo Jose</td>
<td>Lancaster University, United Kingdom</td>
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<td>Jose Rodriguez-Ibabe</td>
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<td>Gang Sha</td>
<td>Nanjing University of Science and Technology, China</td>
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<td>Rongpei Shi</td>
<td>Lawrence Livermore National Laboratory, United States of America</td>
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Cemal Cem Tasan  
Massachusetts Institute of Technology  
United States of America

Katsuyo Thornton  
University of Michigan  
United States of America

Jian Wang  
University of Nebraska - Lincoln  
United States of America

Yunzhi Wang  
Ohio State University  
United States of America

Chris Wolverton  
Northwestern University  
United States of America

Wei Xu  
Deakin University  
Australia

Wei Xu  
Northeastern University  
China

Hongliang Yi  
Northeastern University  
China

Yufeng Zheng  
University of Nevada, Reno  
United States of America

Xiaoqin Zeng  
Shanghai Jiao Tong University  
China

Yuhong Zhao  
North University of China  
China

Sybrand van der Zwaag  
Delft University of Technology  
The Netherlands
Schedule / Events

Schedule

<table>
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<tr>
<th>Date</th>
<th>Activity</th>
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<tr>
<td></td>
<td>Morning</td>
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<td>June 28, Sunday</td>
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<td>June 29, Monday</td>
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<td>June 30, Tuesday</td>
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<td>July 1, Wednesday</td>
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**Conference Venue:** Qujiang International Conference Center

Welcome Reception

Monday, June 29 / Evening
Venue: Qujiang International Conference Center

All registered authors and participants are invited to attend the Welcome Reception free of charge.

A light meal and drinks will be served.

Banquet

Thursday, July 2 / Evening
Venue: Qujiang International Conference Center

All registered authors and participants are invited to attend the Banquet free of charge.
Call for Papers

Abstract Submission

If you wish to contribute a presentation or poster for PTM2020, please submit an abstract (less than 150 words) through the conference website: www.ptm2020.com by December 31, 2019.

Additional details including venue and accommodation information will be posted on the official website shortly and shown in the next announcement.

Do not hesitate to broadcast this announcement to your colleagues which may show interest in PTM2020 conference.

Extended Abstract

The extended abstracts are requested to submit through the conference website before February 15, 2020. All the accepted extended abstracts will be published in the conference proceedings which will be released to the public by China Machine Press and will be available at the conference beginning on 28 June 2020.

Please kindly download the authors guide, sample format and copyright transfer form from the conference website (www.ptm2020.com).

Presentation

✧ Authors could choose the type of presentation (oral or poster) in the registration. The final result will be given to the author after the paper is reviewed by experts.
✧ Each presentation could be arranged in the technical program only if at least one author’s registration fee is paid before March 1, 2020.
Aaronson Award / Hillert-Cahn Award

Aaronson Award

The organizing committee of PTM2020 is pleased to announce the offering of the “Aaronson Award”, an award to be given every PTM conference to an outstanding graduate student or young researcher in recognition of his/her exceptional contribution to the physical metallurgy of phase transformations. The award is intended to commemorate Prof. Aaronson’s passion to understand phase transformations as exemplified through his teaching, scientific research, and in particular, his support and mentoring of students and young colleagues in the field. The award is open to all current graduate students or those who have graduated less than three years prior to PTM2020 (i.e. on or after July 1, 2017). Students should indicate that they wish to apply for the award when submitting their abstract for the conference. An application will consist of a curriculum vitae and a reference letter from their immediate supervisor, including a statement that they are eligible for the award.

Applications should be sent as pdf-file to Conference Secretariat (ptm2020@csm.org.cn) before February 15, 2020.

Please refer also to the official conference website: www.ptm2020.com regarding further information. Based on these applications a short list of nominees will be selected. These nominees will be expected to present their papers orally at the conference and as a paper in the proceedings. The written papers and oral presentations will serve as an important criterion to finalize the selection of the awardee.

Hubert I. Aaronson:

Prof. Hubert I. Aaronson, simply known as Hub to his friends and colleagues, was a founding member of the PTM conference series. He received his BS, MS, and Ph.D. in metallurgical engineering from Carnegie Institute of Technology (now Carnegie Mellon University). Hub greatly influenced the field of solid-solid phase transformations through his publication of more than 300 scientific papers, teaching and support of young colleagues, and in organizing highly focused conferences on key topics important to the development of the field. He was particularly well known for his major contributions to the subjects of diffusional nucleation and growth, and the mechanisms of phase transformations. Hub was recognized with many awards, and was a member of the U.S. National Academy of Engineering; a fellow of The Minerals, Metals and Materials Society, and ASM International; and an honorary member of the Japan Institute of Metals. Hub’s passion to understand phase transformations, his impressive knowledge of the literature, his excellent experimental technique, and the high standards he set for himself and others in every aspect of scientific research, were an inspiration to his students and colleagues. As R.F. Mehl Professor Emeritus at Carnegie Mellon University, Hub pursued his passion for phase transformations until his passing in December 2005, not long after the PTM2005 conference. The PTM conference series will honor Hub’s many contributions to solid-solid phase transformations, and in particular to his support of students and young colleagues in the field, by offering the “Aaronson Award”, an award to be given every PTM conference to an outstanding graduate student or young researcher in recognition of his/her exceptional contribution to the physical metallurgy of phase transformations.
The Hillert-Cahn lectureship was instituted in 2010 in recognition of the outstanding contributions of John Cahn and Mats Hillert to the science of phase transformations in solid materials. It is awarded to a leading practitioner of the discipline at each PTM conference on recommendation of the organizing committee, and in consultation with Mats Hillert and former recipients.

Comment on the contributions of Mats Hillert and John Cahn:

Mats Hillert and John Cahn first made their presence widely felt in the 1950's with seminal publications: a wide-ranging contribution on the effects of interface curvature on phase transformations by Mats [1]; and a series of highly original papers by John with John Hillard on the free energy of non-uniform solutions [2,3,4]. These and their many subsequent contributions played a major role in shaping the discipline. They each possess great breadth of interest and depth of insight; in addition to hosts of other honors, each has had a volume published of his selected works [5,6]. Without the contributions of Mats Hillert and John Cahn, the science of phase transformations would be a quite different and significantly diminished discipline.


Previous Recipients:
2010 - Gary R. Purdy, McMaster University, Canada
2015 - Peter Voorhees, Northwestern University, United States of America
Exhibition, Workshop & Sponsorship Opportunities

As the integral elements of the event, PTM2020 will feature the exhibition and workshop that will enable excellent exposure for company products, technologies, innovative solutions or services. The exhibition and workshop will be organized near the meeting room during PTM2020. The conference will offer an excellent opportunity for companies to do business and maintain key contacts with customers and suppliers. It is also a unique platform for them to promote new products, outline services and highlight key achievements.

Companies will be able to reinforce their participation and enhance their corporate identification by taking advantage of the benefits offered to them as sponsors of the conference.

If you would like to join the exhibition, workshop or sponsorship, please contact with the Conference Secretariat.

Exhibition Condition

The exhibition booth will be located near to the venue of PTM2020, the rent rate and booth size is Standard Booth: $3 \times 3 \text{ m}^2$

Standard booth will be provided: three-side wooden walls, one information desk, two chairs, two lights, one power outlet (220V) and company’s name panel.

1. Exhibitors who wish to participate in the event please fill in Reservation form.
2. Exhibition booth arrangement: Due to venue constraints, the total number of booths is limited.
   Booth will be arranged and confirmed based on the sequence of enrollment and payment successively.

Workshop

The workshops will be held in Xi’an Qujiang International Conference Center from 14:00 to 17:00 on 28 June 2020. Companies are welcome to demonstrate their products, equipment, new technologies and manufacturing processes.

✧ CNY 10000/1 hour
Registration / Visa Application

Registration

✧ Registration Deadline for Authors          March 1, 2020
✧ Early Registration Deadline for Participants April 1, 2020

Fees

Authors

✧ CNY 6000 (Regular)                  CNY 3800 (Student)

*Notes: 1) Each accepted paper will be published in the conference proceedings only if at least one author’s registration fee is paid before March 1, 2020.
2) Oral or poster presentation will be arranged only if at least one author’s registration fee is paid before March 1, 2020.
3) Students are requested to submit the copy of their student ID.

Participants

<table>
<thead>
<tr>
<th>Registration Fee</th>
<th>Before April 1, 2020</th>
<th>After April 1, 2020 before June 15, 2020</th>
<th>On June 28, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Participants</td>
<td>CNY 6000</td>
<td>CNY 6500</td>
<td>CNY 7000</td>
</tr>
<tr>
<td>Retired Participants</td>
<td>CNY 3800</td>
<td>CNY 4300</td>
<td>CNY 4800</td>
</tr>
<tr>
<td>Students</td>
<td>CNY 3800</td>
<td>CNY 4300</td>
<td>CNY 4800</td>
</tr>
</tbody>
</table>

*Note: Students are requested to submit the copy of their student ID

Entitlement

Registration Fee covers:

Conference fee, All official documentation (abstract and technical program book, conference proceedings USB, etc.), Welcome Reception on Monday, Banquet on Thursday, Daily Coffee Break, Lunch buffet on Monday, Tuesday and Thursday, Name badge

Method of Payment

1. Online Payment

Through the conference online payment, all payments could be made in CNY by credit card.
2. **Bank Transfer**

Please transfer the registration fee to the following bank account, and specify with “PTM2020, Registration No.”. A copy of remittance certificate is requested to send to the conference secretariat or submit to the conference website.

<table>
<thead>
<tr>
<th>Name of Bank</th>
<th>INDUSTRIAL AND COMMERCIAL BANK OF CHINA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BEIJING MUNICIPAL BRANCH</td>
</tr>
<tr>
<td></td>
<td>WANG FU JING SUB-BRANCH OFFICE</td>
</tr>
<tr>
<td>Beneficiary and Account Holder</td>
<td>The Chinese Society for Metals</td>
</tr>
<tr>
<td>Address</td>
<td>NO.237 WANG FU JING STREET, DONG CHENG</td>
</tr>
<tr>
<td></td>
<td>DISTRICT, BEIJING 100006 P.R.CHINA</td>
</tr>
<tr>
<td>SWIFT ADDRESS</td>
<td>ICBKCNBJBM</td>
</tr>
<tr>
<td>Account Number</td>
<td>0200000709089116848</td>
</tr>
</tbody>
</table>

*Notes: 1) The Check will not be accepted
2) The registration fee doesn’t include the bank charge.
3) The receipt will be provided at the registration desk during the conference.

3. **Payment in CNY at the Registration Desk**

Attendees are requested to pay by credit card in CNY on the registration day.

**Cancellation**

Refunds cannot be given if cancellations received after June 15, 2020. Substitutions can be accepted at any time.

Please indicate the bank, branch and account number clearly to which the refund should be sent, and the refund will be made after the conference.

<table>
<thead>
<tr>
<th>Cancellation</th>
<th>Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before June 15, 2020</td>
<td>80%</td>
</tr>
<tr>
<td>After June 15, 2020</td>
<td>No refund (Conference proceedings will be sent to the authors after the conference)</td>
</tr>
</tbody>
</table>
Visa Application

People from most countries will be required to obtain a visa to enter the People's Republic of China. PTM2020 participants who are required to apply for visa to enter China can apply for a Chinese visa at the nearest Embassy or Consulate of China in your countries. For some visa applications, the process could take some time to complete, depending on your country of origin and certain visa restrictions so we would like to suggest you start the visa application as early as possible.

As conference hosts, we can issue you an invitation letter for your visa with the necessary signature and official stamp. If you need, please log in your account and download it in “My Page” after paying for your registration.

Tips: Local organizers could NOT provide conference invitation letter to accompanying personnel according to related regulations. We suggest that accompanying personnel apply for tourism type visa, which will be much easier and require less paperwork.

Notes:

1. You should guarantee that all information provided is true and correct.

2. In the letter for visa, we can only guarantee your stay in Xi’an during congress period.

3. General visa information should be obtained from your local Embassy or Consulate of China.
Conference Venue / Hotel Reservation

Conference Venue

The conference will be held in Xi’an Qujiang International Conference Center (QICEG) from June 29-July 3, 2020. QICEG is ideally located in the heart of Xi’an city adjacent to The Dayan Pagoda, Daci’en Temple, and which is next to the “Hui Zhan Zhong Xin （会展中心)” Station of subway line 2.

Hotel Reservation and Official Travel Agent

Xi’an Kaili Conference & Exhibition Co., Ltd. has been appointed as the official conference agent for the PTM2020 and will handle the hotel accommodation, travel and transportation during the conference. If you would like to get more information, please contact with:

Mr. Qi Gao
Xi’an Kaili Conference & Exhibition Co., Ltd.
Email: gaoqi@kailimice.cn

For the participants of PTM2020, the special rates will be effective from June 29 to July 3, 2020. All the participants are requested to book their accommodation through the conference website. Please kindly note that the one night’s room fee will be charged as deposit.

*Notes:
1) The rooms are reserved on a first-come-first-served basis.
2) The deadline of hotel reservation cancellation is **June 15, 2020.** Refunds cannot be given if cancellations received after the deadline.
3) If you have any questions about the hotel reservation, please contact us via email: gaoqi@kailimice.cn

The recommended hotels and room rate are as follows:

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Ramada Plaza Xi’an South (西安曲江华美达广场酒店) ★★★★★☆</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room Type</td>
<td>Standard Room (Twin beds / King bed)</td>
</tr>
</tbody>
</table>
**Room Rate** 600CNY (Including Breakfast)

**Network** Free WIFI

**Introduction** Ramada Plaza Hotel is only 5 minutes walking distance from the “Qujiang International Conference Center”.

**Hotel** Xi’an Qujiang Yinzuo Hotel (西安曲江银座酒店) ★★★★★

**Room Type** Standard Room (Twin beds / King bed)

**Room Rate** 500CNY (Including Breakfast)

**Network** Free WIFI

**Introduction** Xi’an Qujiang Yinzuo Hotel is only 10 minutes walking distance from the “Qujiang International Conference Center”.

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**General Information**
General Information

Climate and Clothing
During June and July, the average temperature in Xi’an 22-33°C.

Currency
Only CNY is acceptable at regular store and restaurants. Foreign currency or traveler’s checks can be change into CNY at major banks, hotels and airports.

Credit Cards
Credit cards are widely accepted. Commonly recognized cards include Visa and MasterCard.

Tipping
There is no custom of tipping anywhere in China, even at hotels and restaurants. On certain occasions, however, a service charge is added to the bill.

Electrical Appliances
The voltage in China is 220 volts for electrical appliances. Electrical sockets usually accept two-pronged (vertical) plugs and three-pronged (vertical) plugs.

Insurance
The organizer cannot accept responsibility for accidents which might occur. It is recommended that participants take out adequate medical, travel and personal insurance prior to the commencement of travel.

Contact (about the conference)
Dr. Hao Chen, Tsinghua University, Beijing 100084, China
Mr. Xin Zhao, Ms. Fang Liu, The Chinese Society for Metals, 76 Xueyuan Nanlu, Beijing 100081, China
Phone: + 86 10 6521 1205
Fax: + 86 10 6512 4122
Email: ptm2020@csm.org.cn Website: www.ptm2020.com
**Access**

**Access from the nearest stations**

**Line 1:** From XI’AN North Railway Station

Please take the subway line 1 to Hui Zhan Zhong Xin (会展中心) station, and then walk from Exit C to Qujiang International Conference Center.

**Line 2:** From XI’AN Railway Station

Please take the subway line 1 to Beidajie (北大街) station, and then transfer to Hui Zhan Zhong Xin (会展中心) station of subway line 2, walk from Exit C to Qujiang International Conference Center.

**Access by air**

From Xi’an Xianyang International Airport

- 110-120 minutes by shuttle bus

Please take the airport shuttle bus to Ramada Plaza Xi’an South Hotel, and walk 150 meters to Qujiang International Conference Center.
➢ 50-60 minutes by taxi

Please show Taxi drivers the following note for your convenience to the conference venue.

Please take me to Xi’an Qujiang International Conference Center. Thank you!

请送我到西安曲江国际会议中心
（地址：西安市曲江新区汇新路15号；电话：+86-29-87655888）