

Editorial



Prof. Zhanpeng Jin



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The research articles in this issue of the *Journal of Phase Equilibria and Diffusion* (JPED) are invited papers from participants of the 14th National Conference and Multilateral Symposium on Phase Diagrams and Materials Design held Nov. 3-5, 2008, in Changsha, China. The authors wish to publish their work together in this issue of JPED in honor of Prof. Zhanpeng Jin's 70th birthday. The conference was attended by approximately 150 participants from several countries and was organized by the Phase Diagram Committee of the Chinese Physical Society, with Prof. Huashan Liu and Prof. Libin Liu as the key organizers. Publication of these articles in JPED was organized by J.-C. Zhao (The Ohio State University), Yong Du (Central South University), and Qing Chen (Thermo-Calc Software AB), all of them students of Prof. Jin.

Prof. Jin is a member of the Chinese Academy of Sciences and a Professor of Materials Science and Engineering at the Central South University, China. He is a well-known figure in the field of phase diagrams and thermodynamic modeling. Prof. Jin has devoted, and is still devoting, his career and passion to phase diagram research, diffusion study, thermodynamic modeling, and materials design. He has more than 250 publications on these subjects.

Prof. Jin is a true educator—he has trained a generation of phase diagram experts and materials scientists who are now active around the world. He was able to infuse his love of research and passion for phase diagrams to his students, and to excite them to perform research in the field. Prof. Jin loves his students and is extremely generous in helping and coaching them to achieve the best. His students love him, and the majority of them follow his passion. At phase diagram and/or diffusion focused conferences and workshops, one can often find multiple students of Prof. Jin's in their presence.

In addition to the general phase diagram community in China and Prof. Jin's students, many friends of Prof. Jin also participated at this conference, including Y.A. Chang (University of Wisconsin, USA), S.L. Chen (CompuTherm LLC, USA), P. Chartrand (Ecole Polytech. Montreal, Canada), S. Decterov (Ecole Polytech. Montreal, Canada), A. Engstrom (Thermo-Calc Software AB, Sweden), K. Ishida (Tohoku University, Japan), L. Kaufman (CALPHAD Inc., USA), B.J. Lee (Pohang University of Science and Engineering, Korea), J.H. Lee (Korea University, Korea), P.H. Mayrhofer (Montan University, Leoben, Austria), T. Mohri (Hokkaido University, Japan), P. Nash (Illinois Institute of Technology, USA), I. Steinbach (Ruhr-University, Germany), B. Sundman (CIRIMAT, France), and J.-C. Tedenac (University Montpellier II, France). The organizers of the conference are thankful for their participation and their sharing of the latest research.

We appreciate and thank all the authors for contributing to this special issue of JPED in Prof. Jin's honor.

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