

Proceedings of the 3rd Asian Conference on High Pressure Research, Lijiang City, Yunnan Province of China, October 16–20, 2006

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PREFACE**Proceedings of the 3rd Asian Conference on High Pressure Research, Lijiang City, Yunnan Province of China, October 16–20, 2006**

The Third Asian Conference on High Pressure Research, ACHPR-3, was held at Lijiang City, Yunnan Province of China from October 16th–October 20th, 2006. The host organization for ACHPR-3 was the National Lab of Superhard Materials, Jilin University of China. The conference was intended to provide an international forum for high pressure researchers in the Asian countries. We wished not only to bring together researchers working on a wide range of physical properties of matter under high pressure, but also to provide an interactive environment for the exchange of new ideas. About hundred delegates from China, Japan, Korea, India, Russia, USA, France, Sweden and Canada attended the ACHPR-3. Fourteen symposia were organized for the oral and poster presentation. The symposia are listed below:

- Geophysical and Planetary Aspects of Pressure Effect
- Semiconductors and Low Dimensional Systems
- High Pressure Techniques
- Phase Transitions and Amorphizations
- Physical Properties of Materials
- Synthesis of Novel Materials
- Diamond and Related Superhard Materials
- Shock Compression and Shock Waves
- Shock Synthesis
- Energetic Materials and Detonation
- Hypervelocity Impact Phenomenon
- Equation of State
- Laser and matter interactions
- New Technologies

We acknowledge the editors of Journal of Physics: Condensed Matter for agreeing to publish the selected papers as a special issue of the journal. We hope that readers will see many excellent papers in this special issue and the aim of the conference is achieved.

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