

DALIAN INSTITUTE OF CHEMICAL PHYSICS  
CHINESE ACADEMY OF SCIENCES  
中国科学院大连化学物理研究所



OPENING CEREMONY AND INTERNATIONAL SYMPOSIUM  
ON MÖSSBAUER SPECTROSCOPY  
揭牌仪式暨穆斯谱专题学术讨论会

MÖSSBAUER EFFECT DATA CENTER  
穆斯堡尔数据中心



June 23-25, 2010  
Dalian, China

**Mössbauer Effect Data Center**  
**Dalian Institute of Chemical Physics**  
**Chinese Academy of Sciences**  
**中国科学院大连化学物理研究所**  
**穆斯堡尔数据中心**

**Opening Ceremony and International Symposium on**  
**Mössbauer Spectroscopy**  
**揭牌仪式暨穆斯堡尔专题学术讨论会**  
**June 23-25, 2010**

*Welcome to the Ceremony and International Symposium on Mössbauer Spectroscopy for the Opening of Mössbauer Effect Data Center at Dalian Institute of Chemical Physics, Chinese Academy of Sciences. On behalf of the entire Institute I extend cordial greetings to colleagues and friends gathered here today. Today's ceremony marks that the continuation of the Mössbauer Effect Data Center will perform its program in its new location at Dalian. We sincerely thank you for your support and help to the new Mössbauer Effect Data Center in Dalian! We will do our best to provide outstanding services to all the colleagues in the Mössbauer community. Your comments and suggestions for the new Mössbauer Effect Data Center are always welcome! Enjoy your stay in Dalian!*

欢迎大家来大连参加中国科学院大连化学物理研究所穆斯堡尔数据中心的揭牌仪式暨专题学术讨论会。我代表大连化物所全体同仁向与会的各位专家、同事和朋友表示衷心地感谢。今天的揭牌仪式标志着穆斯堡尔数据中心将在中国大连继续体现她的珍贵价值。我在此也衷心感谢在坐的各位嘉宾对中心落户大连的支持和帮助。我们将竭尽全力为穆斯堡尔及其相关领域的同仁提供更加完善的信息交流服务。我们也真诚地希望各位同仁为中心将来的发展献计献策。祝大家在大连生活愉快!



*Prof. Tao Zhang*  
*Director, Dalian Institute of Chemical Physics, Chinese Academy of Sciences*  
*Director, Mössbauer Effect Data Center*

张涛研究员  
中国科学院大连化学物理研究所所长  
穆斯堡尔数据中心主任

# Opening Ceremony and International Symposium on Mössbauer Spectroscopy

揭牌仪式暨穆斯谱专题学术讨论会

June 23-25, 2010

## Program/日程安排

June 23 (Wednesday) 6月23日 (星期三)	June 24 (Thursday) 6月24日(星期四)		June 25 (Friday) 6月25日(星期五)
	08:20-09:10	<b>Opening Ceremony/开幕式</b>	DICP & Dalian City Tour 化物所所区及 大连市观光
	09:10-09:50	Zhifang Chai/柴之芳	
	09:50-10:30	Frank Berry	
	10:30-10:55	<b>Group Photo &amp; Coffee Break/ 合影和茶歇</b>	
	10:55-11:20	Shengyun Zhu/朱升云	
	11:20-11:45	Elisa Baggio Saitovitch	
	11:45-12:10	Hua Pang/庞 华	
	12:10-13:10	<b>Lunch/午餐</b>	
13:00- Registration 注册	13:10-13:35	Michael Reissner	
	13:35-14:00	Zhaohua Cheng/成昭华	
	14:00-14:25	J. F. Marco	
	14:25-14:50	Guilin Zhang/张桂林	
	14:50-15:05	<b>Coffee Break/茶歇</b>	
	15:05-15:30	Y. Yoshida	
	15:30-15:55	Jieshan (Jason) Qiu/邱介山	
	15:55-16:20	Clive Wynter	
	16:20-16:45	Faming Gao/高发明	
	16:45-17:25	John Stevens	
	17:25-17:55	<b>Free Discussion/自由讨论</b>	
	17:55-18:00	<b>Closing Ceremony/闭幕式</b>	
	19:00	<b>Banquet with Piano Concert/ 晚宴(钢琴演奏)</b>	

## Opening Ceremony and International Symposium on Mössbauer Spectroscopy

### 揭牌仪式暨穆斯谱专题学术讨论会

June 23-25, 2010

### Scientific Program

#### 会议日程

Wednesday, June 23, 2010 / 2010年6月23日 (星期三)

13:00-18:00 Registration (Bayshore Hotel)/注册 (星海假日酒店)

18:00 Reception (Bayshore Hotel)/招待会 (星海假日酒店)

Thursday, June 24, 2010 / 2010年6月24日 (星期四)

08:20-09:10 **Opening Ceremony/开幕式、揭牌仪式**

1. Address of Prof. **Tao Zhang** (Director of DICP)/张涛所长致欢迎词
2. Address of Prof. **John Stevens** and hand over MEDC to Prof. Tao Zhang /Prof. John Stevens致词并向张所长移交MEDC
3. Address of Prof. **Frank Berry** (Past Chairman of IBAME)/前国际穆斯谱委员会主席 Prof. Frank Berry致词
4. Address of Prof. **Michael Reissner** (General Secretary and Member of IBAME) /国际穆斯谱委员会秘书长 Prof. Michael Reissner致词
5. Address of Prof. **Elisa Baggio Saitovitch** (Past Vice-Chairman of IBAME)/前国际穆斯谱委员会副主席Prof. Elisa Baggio Saitovitch致词
6. Address of Prof. **Zhifang Chai** (Academician of CAS)/柴之芳院士致词
7. Address of Prof. **Shengyun Zhu** (General Secretary of Chinese Nuclear Physics Society) 中国核物理学会秘书长朱升云研究员致词
8. Address of Prof. **Fashen Li** (Chairman of Chinese Mössbauer Community)/中国核物理学会穆斯谱专业委员会主任李发伸教授致词

9. **Opening Ceremony/揭牌仪式**

**International Symposium on Mössbauer Spectroscopy/穆斯谱专题讨论会**

09:10-09:50 **Zhifang Chai/柴之芳** (Key Laboratory of Nuclear Analytical Techniques and Multidisciplinary Research Centre, Institute of High Energy Physics, CAS, China)/中国科学院高能物理所多学科中心  
Advanced Nuclear Analytical Techniques and Their Innovative Applications/  
先进核分析技术及其新应用

- 09:50-10:30 **Frank Berry** (School of Chemistry, The University of Birmingham, Birmingham, UK)/英国伯明翰大学化学系  
Perovskites-New Oxide Fluorides and Properties /钙钛矿-新型氟氧化合物及性质
- 10:30-10:55 **Group Photo & Coffee Break/合影和茶歇**
- 10:55-11:20 **Shengyun Zhu/朱升云** (China Institute of Atomic Energy, China)/中国原子能科学研究院  
Study of Nuclear Structure through Measurements of Nuclear Moments/核矩测量和核结构研究
- 11:20-11:45 **Elisa Baggio Saitovitch**/(Brazilian Center for Research in Physics, Brazil)/巴西物理研究中心  
Fe as Local Probe to follow the Competition between Magnetism and Superconductivity in the New Fe-pnictide Superconductors/用铁探测新型铁磷族元素超导体的磁性和超导性竞争
- 11:45-12:10 **Hua Pang/庞华**(Institute of Applied Magnetics, Lanzhou University, China)/兰州大学应用磁学研究所  
Structural and Magnetic Phase Transitions in  $\text{AFe}_2\text{As}_2$  (A = Ca, Ba) by Mössbauer Spectroscopy/ $\text{AFe}_2\text{As}_2$  (A = Ca, Ba)结构与反铁磁相变的穆斯谱研究
- 12:10-13:10 **Lunch/午餐**
- 13:10-13:35 **Michael Reissner** (Institute of Solid State Physics, Vienna University of Technology, Austria) /维也纳技术大学固体物理研究所  
High-Field Mössbauer Spectroscopy in Solid State Physics/高磁场穆斯谱学在固体物理中的应用
- 13:35-14:00 **Zhaohua Cheng/成昭华** (State Key Laboratory of Magnetism, Institute of Physics, CAS, China)/中科院物理所磁学国家重点实验室  
Mössbauer Effect Probe of Field-Induced Magnetic Phase Transition in  $\text{LaFe}_{13-x}\text{Si}_x$  Intermetallic Compounds/ 穆斯谱探测 $\text{LaFe}_{13-x}\text{Si}_x$ 金属间化合物的磁场诱导磁相变
- 14:00-14:25 **J. F. Marco** (Institute of Physical Chemistry "Rocasolano", Spanish Council for Scientific Research, Spain) /西班牙科学院"Rocasolano"物理化学研究所  
 $^{57}\text{Fe}$  Mössbauer Spectroscopy and Surface Analysis /  $^{57}\text{Fe}$ 穆斯谱及表面分析
- 14:25-14:50 **Guilin Zhang/张桂林** (Shanghai Institute of Applied Physics, CAS, China)/中科院上海应用物理研究所  
Atmospheric Particulate Matter Studied by Mössbauer Spectroscopy Combined with Synchrotron and Other Nuclear Techniques/用穆斯堡尔效应和同步辐射等核技术研究大气颗粒物
- 14:50-15:05 **Coffee Break/茶歇**

- 15:05-15:30 **Y. Yoshida** (Shizuoka Institute of Science and Technology, Japan) /日本静岡理工科大学  
Development and Applications of an Imaging Technique in Mössbauer Spectroscopy/  
一种穆斯谱成像技术的发展和应⽤
- 15:30-15:55 **Jieshan (Jason) Qiu/邱介山** (Carbon Research Laboratory, Dalian University of  
Technology)/大连理工大学炭素材料研究室  
Shape-Control and Characterization of Magnetite Prepared via a Solvothermal Route/  
溶剂热法制备形貌可控的磁铁矿及其表征
- 15:55-16:20 **Clive Wynter** (State University of New York at Nassau Community College, USA)/  
美国纽约州立大学  
Mössbauer Spectroscopy of  $^{161}\text{Dy}$  in Dysprosium Dicarboxylates/草酸镝的 $^{161}\text{Dy}$  穆斯谱研究
- 16:20-16:45 **Faming Gao/高发明** (Department of Applied Chemistry, Yanshan University, Qinhuangdao,  
China)/燕山大学环境与化工学院应⽤化学系  
Calculation of Mössbauer Isomer Shifts in Hexagonal Ferrites/六角铁氧体的多晶位穆斯谱的  
计算
- 16:45-17:25 **John Stevens**(University of North Carolina at Asheville, United States)/美国北卡罗来纳  
大学阿什维尔校区  
The Future of the Mössbauer Effect Data Center /穆斯谱数据中心的未来
- 17:25-17:55 **Free Discussion/自由讨论**
- 17:55-18:00 **Closing Ceremony/闭幕式**
- 19:00 **Banquet with Piano Concert (Xinghai Golf Hotel)/晚宴和钢琴演奏(星海高尔夫酒店)**

Friday, June 25, 2010 / 2010年6月25日 (星期五)

- 9:00-17:00 **DICP & Dalian City Tour /化物所所区及大连市观光**