1st International

Symposium on the Superconducting Science & Technology of Ingot Niobium

SSTIN10

September 22-24, 2010

Jefferson Lab, Newport News, Virginia, USA

In 2006, in collaboration with Jefferson Lab, CBMM (Companhia Brasileira de Metalurgia e Mineração) hosted the first international workshop on single crystal–large grain niobium technology near the world's largest niobium mine in Araxá, Brazil. In 2010, in collaboration with industrial partner CBMM, Jefferson Lab will host the first International Symposium on the Superconducting Science and Technology of Ingot Niobium in Newport News, Virginia, USA, from September 22 to 24. At this forum, university, industrial, and national research institution experts from around the world will exchange information and views on the current status of ingot niobium science and technology and on the technology's advantages in obtaining high-performance superconducting radiofrequency (SRF) accelerator structures with reduced processing at lower cost. In conjunction with the symposium, two short courses will be conducted—one on contamination control during the processing of accelerator structures (John O'Hanlon – O' Hanlon Consulting), and the other on close monitoring of niobium properties with state-of-the-art diagnostic tools for obtaining optimum performance with SRF cavities (John Wallace – Casting Analysis Corporation).

Program Committee

Ganapati Rao Myneni	Chair, UVa/JLab – USA
Bob Rimmer	JLab – USA
Chris Adolphsen	SLAC – USA
Ilan Ben-Zvi	BNL – USA
Walter Hartung	MSU – USA
Kwang-Je Kim	ANL – USA
John Mammosser	SNS – USA
Shekhar Mishra	FNAL – USA
Sindhunil Roy	RRCAT – India
Kenji Saito	KEK – Japan
Friedhold Schoelz	Heraeus – Germany
Waldemar Singer	DESY – Germany
Marcos Stuart	CBMM – Brazil
Kui Zhao	PKU – China

International Advisory Committee

Tadeu Carneiro	CBMM – Brazil
Andrew Hutton	JLab – USA
Srikumar Banerjee	BARC – India
Reinhard Brinkman	DESY – Germany
Swapan Chattopadhyay	Cockcroft Institute – UK
Helen Edwards	FNAL – USA
Manouchehr Farkhondeh	DOE – USA
Ron Graham	ATI Wah Chang – USA
Georg Hoffstaetter	Cornell Uni. – USA
Carlos Pagani	Univ Milan/INFN – Italy
Amit Roy	IUAC – India
Akira Yamamoto	KEK – Japan
Richard York	MSU – USA

Organizing Committee

Ganapati Rao Myneni	Chair, JLab/ISOHIM – USA
Gigi Ciovati	JLab – USA
Ruth Bizot	JLab – USA
Carolyn Camp	JLab – USA
Marty Hightower	JLab – USA
Cynthia Lockwood	JLab – USA
Stephanie Schatzel	JLab – USA

Jefferson Lab

http://conferences.jlab.org/sstin