

Session Program

23-24 May 2007

Superconducting RF Materials Workshop

Session 5: Niobium production

Thursday 24 May

13:00

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Session

13:00–13:30

Metallurgy and Technological Request for High Purity Niobium in SRF Application Metallurgical and Technological Request for High Purity Niobium in SRF Applications

Speaker

W.Singer

13:30–13:50

High-Purity TIG Welding at Michigan State University

Speaker

Chris Compton

13:50–14:15

Microstructural Refinement of Niobium for Superconducting RF Cavities

Speaker

K. Ted Hartwig

14:15–14:40

Texture of Niobium Sheet

Speaker

Peter R. Jepson

14:40–15:10

Overview of the RRR Nb Specifications and the Evolution of SRF Technology

Speaker

Ganpati Rao Myneni

15:10–15:25

break

15:25–15:50

Preliminary Investigation of a Model for Predicting Recrystallization in Nb

Speaker

D.Baars

15:50–16:15

Orientation Effect on Recovery and Recrystallization of Deformed Niobium Single Crystals for SRF Cavities

Speaker

Vladimir Levit

16:15