

Session Program

23-24 May 2007

Superconducting RF Materials Workshop
Session 4: Innovative processing methods

Thursday 24 May

09:00

Session 4: Innovative processing methods

Session

09:00–09:20

Innovative Processing of SRF materials

Speaker

Claire Antoine

09:20–09:50

Treatment of SRF 1-cell test cavities for evaluation of the effect of Gas Cluster Ion Beams on high power cavity Q

Speaker

D. R. Swenson

09:50–10:15

Plasma Etching of Niobium Surfaces

Speaker

M. Rašković

10:15–10:25

break

10:25–10:45

ECR plasma: a possible in-situ cavity processing technique

Speaker

Genfa Wu

10:45–11:10

Novel Surface Treatments for RRR Niobium

Speaker

Roy Crooks

11:10–11:35

Advanced Nb oxide surface modification by cluster ion beams

Speaker

Zeke Insepov

11:35–12:00

Chemical Mechanical Polishing for Manufacturing of Smooth Nb Surfaces

Speaker

Sinan Muftu

12:00