

ITS-90 Fixed-Point Cell Mini-Workshop

Course Outline

DAY 1: Monday / Thursday (0830 h to 1700 h)

Overview of ITS-90 Fixed-Point Cells

- I. Realization Techniques
- II. Use of Measurement Equipment

Water Triple-Point Cell

Laboratory

Gallium Melting-Point Cell

Laboratory

Tin Freezing-Point Cell

Laboratory

DAY 2: Tuesday / Friday (0830 h to 1700 h)

Mercury Triple-Point Cell

Laboratory

Zinc Freezing-Point Cell

Laboratory

Uncertainty in Fixed-Point Cells and SPRT Calibrations

Laboratory and Lecture

Round-Table Discussion

Instructor and Course Participants

Instructors: Michal Chojnacky

301 975 4821

michalc@nist.gov

Gregory F. Strouse

301 975 4803

gstrouse@nist.gov