

History Day

Wednesday, September 21

Plenary Lectures

(World Forum Theater)

9:00 – 9:15

Opening of the History Day

9:15 – 9:25

**Presentation of the book
“100 Years of Superconductivity”**

3-H-1 9:25 – 10:00

Kamerlingh Onnes’s Notebooks and the Discovery of Superconductivity

Peter H. Kes

Kamerlingh Onnes Laboratory, Leiden Institute of Physics, Leiden University, Netherlands

3-H-2 10:00 – 10:35

The Early Days of Superconducting Electronics: 1950 to 1970

John M. Rowell

Arizona State University. (Bell Telephone Laboratories and Bellcore, 1961 to 1989)

10:35 – 11:05

Break

3-H-3 11:05 – 11:40

Evolution of practical superconducting materials

Hiroaki Kumakura

National Institute for Materials Science, University of Tsukuba, Japan

3-H-4 11:40 – 12:15

Conductors from Superconductors

David C. Larbalestier

Applied Superconductivity Center, National High Magnetic Field Laboratory, Florida State University, Tallahassee, USA

12:15 – 13:30

Lunch Break

13:30 – 14:00

IEEE Awards

Day 3

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3-H-5 14:00 – 14:35

SQUIDS: Then and Now

John Clarke

*University of California and Lawrence Berkeley National Laboratory
Berkeley, California, USA*

3-H-6 14:35 – 15:10

Superconductor Digital Electronics

Konstantin K. Likharev

Stony Brook University, USA

15:10 – 15:40 **Break**

3-H-7 15:40 – 16:15

Large Scale Applications

Herman ten Kate

CERN and University of Twente

3-H-8 16:15 – 16:50

**History, State-of-the-Art and Perspectives of Superconducting
Power Equipment**

Mathias Noe

Institute for Technical Physics, KIT, Germany

16:50 – 17:00 **Closing of the History Day**

18:30 – 20:00 **Reception (Madurodam)**

20:00 – 23:00 **Conference Dinner (Madurodam)**