

International Institute on Units of Historical Presentation in Science Teaching

July 5 – 16, 2004, Europe

The *International Institute* includes the *Fifth International Conference for History of Science in Science Education* taking place in Keszthely, Hungary, July 12 – 16.

Program Committee

Dr. Arthur Stinner, Professor, Faculty of Education, University of Manitoba, Canada

Dr. Stephen Klassen, Department of Physics, University of Winnipeg, Canada

Workshop Organizer

Dr. Don Metz, Education Program, University of Winnipeg, Canada

Hungary Organizer

Dr. László Kovács, Professor and Head, Department of Physics Education,
Berzsenyi Daniel Teachers College, Szombathely, Hungary

Munich Organizer

Dr. Jürgen Teichmann, Professor and Director, Education Department,
Deutsches Museum, Munich, Germany

Workshops

July 5 – 6, 2004, Oldenburg

Workshop on Historical Replication/Representation
Carl–von–Ossietzky–University Oldenburg, Germany

Workshop Leaders

Dr. Don Metz, University of Winnipeg

Dr. Peter Heering, Carl–von–Ossietzky–University

Dr. Ralph Mason, University of Manitoba

July 8 – 9, 2004, Munich

Workshop on Units of Historical Presentation
Deutsches Museum, Munich, Germany

Workshop Leaders

Dr. Stephen Klassen, University of Winnipeg

Dr. Jürgen Teichmann, Deutsches Museum

Workshop Schedule

July 5 – 6, 2004, Carl–von–Ossietsky–University, Oldenburg, Germany

Workshop on Historical Replication/Representation

Workshop Leaders: Peter Heering, Wolfgang Engels, Don Metz, Ralph Mason

Workshop participants: Heidi Letkemann,
Daniel Osewold, Martin Panusch, Evan Janzen-Roth.

Workshop Schedule

July 8 – 9, 2004, Deutsches Museum, Munich, Germany

Workshop on Units of Historical Presentation

❖ *Session 1: Thursday, 9:00*

**The beginnings of aviation
and the rise of aerodynamics**

Michael Eckert, Deutsches Museum, Munich, Germany

❖ *Session 2: Thursday, 10:00*

**The Electron as a Tool in Understanding and
Teaching Science—Concepts and Activities**

Mark Larchez, University of Wisconsin–Stout, USA

❖ *Session 3: Thursday, 10:45*

Einstein and Radiation Theory in 1905

Stefan Wolf, Deutsches Museum, Munich, Germany

❖ *Session 4: Thursday, 13:30*

**Workshop: From Galileo's
pendulum to idealisation**

Fanny Seroglou & Georgos Primerakis,
Aristotle University of Thessaloniki, Greece

❖ *Session 5: Friday, 9:00*

Measuring e: Making it meaningful for students

Stephen Klassen, University of Winnipeg, Canada

Opening a Window to “c”

Don Metz & Heidi Letkemann,
University of Winnipeg, Canada

The Golden Ratio: A Remarkable Constant

Jeff Babb, University of Winnipeg, Canada

eVolution - The Story of the Number e

Don Metz, University of Winnipeg, Canada

**The insight of Archimedes: Scaffolding
students' approximation of pi**

Ralph Mason & Evan Janzen–Roth,
University of Manitoba, Winnipeg, Canada

Workshop Participants

Babb, Jeff
Babb, Jo-Ann
Eckert, Michael
Janzen-Roth, Evan
Klassen, Stephen
Kubli, Fritz
Larchez, Mark
Lauginie, Pierre
Letkeman, Heidi
Mason, Ralph
Metz, Don
Primarakis, Giorgos
Seroglou, Fanny
Stevens, Wesley
Stinner, Arthur
Teichmann, Juergen
Weitze, Marc–Denis
Wolff, Stefan

