

**From the itinerant lecturers
of the 18th century to popularizing
physics in the 21st century –
exploring the relationship between
learning and entertainment**

**Proceedings of a conference held in Pognana sul Lario /
Italy, June 1-6, 2003.**

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www.deutsches-museum.de
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Deutsches Museum

Appendix: Program of the Conference

Sunday, June 1

Arrival

Monday, June 2

10.45 – 11.00	Opening words from the organizing institutions
11.15 – 11.35	Teichmann: Entertainment in science – from Lichtenberg and Volta to physics in television. An experiment of interpretation
11.35 – 12.10	Hochadel: The business of experimental physics. Instrument makers and itinerant lectures in Germany (1740-1800)
12.10 – 2.00 p.m.	Lunch break
2.00 – 2.35	Matthews: Making a silk purse out of a sow's ear: Dava Sobel and the popularisation of science
2.35 – 3.10	Rigden: Communicating science to the public
3.10 – 3.45	Reich: Flatland and its history – a popular approach to a multidimensional space
3.45 – 4.00	Coffee break
4.00 – 4.35	Euler: Revitalizing Ernst Mach's popular lectures
4.35 – 5.10	Kovacs: József Öveges, the television-star, the most popular physics teacher in Hungary
Evening	Welcome to Pognana

Tuesday, June 3

9.00 – 9.35	Blondel: The physicien from Parisian 18 th boulevards to post revolutionary scientific teaching establishments
9.35 – 10.10	Lehmann: Public demonstration of experiments in 18th c. France
10.10 – 10.45	Raichvarg: Science on the fairgrounds: from black to white magic
10.45 – 11.00	Coffee break
11.00 – 11.35	Heering: Public experiments and their analysis with the replication method
11.35 – 12.10	Morus: The two cultures of electricity: Between entertainment and edification in Victorian science
12.10 – 2.00 p.m.	Lunch break
Afternoon	Excursion to Como, Istituto Carducci, didactic collection of instruments + discussion: instruments and entertainment

Wednesday, June 4

9.00 – 9.35	Wolff: The experiment as a source of joy in the work of August Kundt
9.35 – 10.10	Wittje: Robert W. Pohl and the reformation of lecture demonstrations during the interwar period
10.10 – 10.45	Wolfschmidt: Popularisation of astronomy – from models of the cosmos to stargazing
10.45 – 11.00	Coffee break
11.00 – 11.35	Tucci: Between the sky and the earth ... with science.
11.35 – 12.10	Eckert: Hydraulics for royal gardens: water art as a challenge for 18 th century physics
12.15 – 2.00 p.m.	Lunch break
2.00 – 2.35	Weitze: Entertainment versus Explanation: Science Centers in Germany and in the U.S.
2.35 – 3.10	Brenni: Volta's electric lighter and its improvements
Afternoon	Excursion to Pognana and surroundings on foot

Thursday, June 5

9.00 – 9.35	Kubli: Student's feedbacks regarding history in science teaching – some conclusions
9.35 – 10.10	Rieß: Understanding physics today from history – experimental practice as a tool for education and entertainment
10.10 – 10.45	Barth: M. Faraday's public lectures: Can we draw inspirations for teacher training in pedagogically motivated entertainment?
10.45 – 11.00	Coffee break
11.00 – 12.00	Metz/Stinner: Count Rumford – a performance of his experiments
12.15 – 2.00 p.m.	Lunch break
Afternoon	Excursion to Villa Carlotta by boat

Friday, June 6

9.00 – 10.00	Bürger: Six entertaining physics demonstrations
10.00 – 10.15	Coffee break
10.15 – 10.35	Lauginie: A fictive dialog – father and son: the earth rotation at the pole
10.35 – 11.30	A fictive talk show: physics and the public (participants: Bianchi, Lichtenberg, Rumford, Mme Lavoisier)
11.30	Goodbye words
11.45	Departure