

International workshop

Astronomical Observatories and Chronometry: Time, Science and Instruments (18th-20th Century)

Musée International d'Horlogerie, La Chaux-de-Fonds, 1-3 December 2021

Program

1 December

- | | |
|-------|--|
| 16.45 | Reception of the participants |
| 17.00 | Visit of the Museum with LUDWIG OECHSLIN (Neuchâtel) |
| 18.00 | Public lecture by DAVID AUBIN (Paris) |
| 19.15 | Welcome aperitif |
| 20.00 | Dinner at Union Restaurant du Théâtre |

2 December

- | | |
|-----------|---|
| 9.00-9.30 | Introduction by the conference organizers |
|-----------|---|

Session 1 (Chair: Günther Oestmann)

- | | |
|-------------|--|
| 9.30-10.00 | SYBILLE GLUCH (Dresden) <i>A Question of Trust? The Performance of Clocks in 18th-Century Observatories</i> |
| 10.00-10.30 | DALIA DEIAS (Paris) <i>Instructions et mesure du temps à l'Observatoire royal de Paris</i> |
| 10.30-11.00 | Discussion |

Coffee break

Session 2 (Chair: Gianenrico Bernasconi)

- | | |
|-------------|---|
| 11.15-11.45 | ILEANA CHINNICI (Palermo) <i>La collection de chronométrie de l'observatoire de Palerme</i> |
| 11.45-12.15 | YOLANDA REY MUNOZ (Cadiz) <i>The Chronometers of the Royal Astronomical Observatory of the Navy in San Fernando</i> |
| 12.15-12.45 | Discussion |

Lunch break at the Museum

- 14.00-14.30 LOÏC JEANSON (Troyes), JEAN DAVOIGNEAU (Nantes): *Chronometry in the French meridian service. Time between stars and mechanics*
- 14.30-15.00 AMANDINE CABRIO (Neuchâtel) *Expertiser les chronomètres à l'observatoire cantonal de Neuchâtel: mettre en place et renouveler un arsenal technique et réglementaire*
- 15.00-15.30 Discussion

Coffee break

Session 3 (Chair: David Aubin)

- 16.00-16.30 KUMAR S. PRASHANT (Philadelphia) *The Instrumental Brahmin: Chronometry, Astronomical Control, and the Personal Equation at Madras Observatory, 1792-1859*
- 16.30-17.00 ION MIHAILESCU (Lausanne) *Chronographs & Meteographs: The Introduction of Registering Instruments in the Astronomical Observatory*
- 17.30-18.00 TRUDY E. BELL (Lakewood, Ohio) *Traveling Time: Chronometric Expeditions to Map the World, 1821-1855*
- 18.00-18.30 Discussion
- 20.00 Dinner at Brasserie de l'Hôtel de Ville

3 December

Session 4 (Chair: Gudrun Wolfschmidt)

- 9.00-9.30 RICARDO BARBOSA (Bruxelles) *The 1905 Time Service of the Royal Observatory of Belgium*
- 9.30-10.00 CHRISTIAAN STERKEN (Bruxelles) *On the Accuracy of Celestial and Terrestrial Clocks: The Merit of Felix Schmeidler's Half a Century Monitoring of Two Riefler Clocks at Munich Observatory*
- 10.00-10.30 Discussion

Coffee break

Session 5 (Chair: Paolo Brenni)

- 10.45-11.15 FRIED BART (New York) *“Who put that hole in the telescope?” The development of the world’s most accurate timepiece*
- 11.15-11.45 JULIEN GRESSOT, ROMAIN JEANNERET (Neuchâtel) *La chaîne opératoire de l’Observatoire cantonal de Neuchâtel de 1958*
- 11.45-12.15 Discussion
- 12.15-13.15 Concluding panel discussion animated by PAOLO BRENNI (Firenze) with EMILY AKKERMANS (Greenwich), DAVID AUBIN (Pais), GÜNTHER OESTMANN (Berlin), GUDRUN WOLFSCHMIDT (Hamburg)

Lunch at the Museum