

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

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| 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

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| 9.00-9.30 | Introduction by the conference organizers |
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Session 1 (Chair: Günther Oestmann)

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| 9.30-10.00 | SIBYLLE GLUCH (Dresden) <i>A Question of Trust? The Performance of Clocks in 18th-Century Observatories</i> |
| 10.00-10.30 | DALIA DEIAS (Bordeaux/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)

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| 11.15-11.45 | ILEANA CHINNICI (Palermo), Filippo MIRABELLO (Palermo) <i>La collection de chronométrie de l'Observatoire de Palerme</i> |
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11.45-12.15 YOLANDA Muñoz REY (Cádiz) *The Chronometers of the Royal Astronomical Observatory of the Navy in San Fernando*

12.15-12.45 Discussion

Lunch break at the Museum

14.00-14.30 JEAN DAVOIGNEAU (Paris), LOÏC JEANSON (Paris) *La chronométrie dans les services méridiens français: temps, étoiles et mécanique*

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 PRASHANT S. KUMAR (Philadelphia) *The Instrumental Brahmin: Chronometry, Astronomical Control, and the Personal Equation at Madras Observatory, 1792-1859*

16.30-17.00 ION MIHAILESCU (Lausanne) *Chronographs & Meteorographs: 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