

ARTEFACTS XX

SCIENTIFIC HERITAGE
AT WORLD EXHIBITIONS AND BEYOND
THE LONG XX CENTURY

20-22 SEPTEMBER 2015

**MUSEO
NAZIONALE
SCIENZA
E TECNOLOGIA
LEONARDO
DA VINCI**

15.00 - 15.30

REGISTRATION

15.30 - 16.00

WELCOME

Fiorenzo Galli, General Director

Laura Ronzon, Head of collections and curators

Museo Nazionale della Scienza e della Tecnologia, Milano

16.00 - 16.30

LEONARDO DA VINCI AND ITALIAN TECHNOLOGY ON DISPLAY:
CHICAGO 1933 AND NEW YORK 1940 WORLD'S FAIRS AND
MILANO 1939 LEONARDO AND ITALIAN INVENTIONS EXHIBITION

Claudio Giorgione, Museo Nazionale della Scienza e della Tecnologia, Milano

DISCUSSION

16.30 - 18.30

VISIT TO THE MUSEUM WITH THE CURATORS

18.30 - 20.30

RECEPTION IN THE MUSEUM WITH LIGHT DINNER

8.30 - 9.00

REGISTRATION

SESSION 1 BETWEEN THE LEGACY OF XIX CENTURY EXHIBITIONS AND THE SEARCH OF NEW TRENDS

CHAIR: **Paolo Brenni**, CNR Fondazione Scienza e Tecnica, Firenze

9.00 - 10.40

P TECHNOLOGY AND NATIONAL HEROES – ON THE INTERPRETATION OF HISTORICAL TELEGRAPHS IN INTERNATIONAL ELECTRICITY EXHIBITIONS
Tina Kubot, Deutsches Museum München

P ABOUT GENERATORS, TRANSMISSION LINES AND LIGHT BULBS
Frank Dittmann, Deutsches Museum, München

P THE CHEMICAL HERITAGE AT THE MUSÉE CENTENNAL OF THE 1900 PARIS WORLD EXHIBITION
Marco Beretta, Università di Bologna

DISCUSSION

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10.40 - 11.00

BREAK

SESSION 2 / PART 1 THE EMERGENCE OF THE SCIENTIFIC HERITAGE AND THE RHETORIC OF NATIONAL SCIENCE

CHAIR: **Robert Bud**, Science Museum, London

11.00 - 12.40

P FROM “INSTRUMENTS OF SCIENCE” TO “INSTRUMENTS OF HISTORY”:
THE FIRST NATIONAL EXHIBITION OF THE HISTORY OF SCIENCE (FLORENCE, 1929)
AND THE PROMOTION OF THE ITALIAN SCIENTIFIC HERITAGE
Francesco Barreca, Museo Galileo, Firenze

P THE ADLER PLANETARIUM AND THE CENTURY OF PROGRESS FAIR IN CHICAGO, 1933-34
Pedro M. P. Raposo, Adler Planetarium, Chicago

P THE EARLY YEARS OF THE PALAIS DE LA DÉCOUVERTE (1937-1952) IN A TRANSNATIONAL PERSPECTIVE
Andrée Bergeron and Charlotte Bigg, Centre Alexandre Koyré, Paris

DISCUSSION

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12.40 - 14.00

LUNCH AT THE MUSEUM

SESSION 2 / PART 2
**THE EMERGENCE OF THE SCIENTIFIC HERITAGE
AND THE RHETORIC OF NATIONAL SCIENCE**

CHAIR: **Giovanni Paoloni**, Università degli Studi di Roma "La Sapienza"

14.00 - 15.40

P SCIENCE ON DISPLAY AT E42: THE NEVER REALIZED EXHIBITIONS
Elena Canadelli, Università di Padova

P THE TELEVISIONS OF TOMORROW: RCA AT THE NEW YORK WORLD'S FAIR
Benjamin Gross, Chemical Heritage Foundation, Philadelphia

SP THE ONCE AND FUTURE TECHNOLOGY FAIR:
THE RISE, FALL AND UNLIKELY REBIRTH OF THE VDNKH
Cathleen S. Lewis, International Space Programs and Spacesuits,
Smithsonian Institution, Washington

DISCUSSION

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15.40 - 16.00

BREAK

SESSION 3 / PART 1
POSTWAR: WHICH ROLE FOR ARTEFACTS?

CHAIR: **Anna Guagnini**, Università di Bologna

16.00 - 17.15

P NUCLEAR POWER AND NATIONAL PRESTIGE: A TALE OF TWO MODELS
Alison Boyle, Science Museum, London

SP AFTER THE FESTIVAL OF BRITAIN:
THE BIRTH OF BIRMINGHAM'S SCIENCE AND INDUSTRY COLLECTION; ITS GROWTH DURING INDUSTRIAL DECLINE; AND ITS FAILING HEALTH IN TODAY'S NEW FRONTIERS
Nazia Ali, Birmingham Museums Trust

SP INTERPRETATION OF OBJECTS SIGNIFICANT TO THE HISTORY OF SCIENCE AND TECHNOLOGY:
INTERNATIONAL EXHIBITIONS VS MUSEUMS
Bernard Finn, Smithsonian Institution, Washington

SP ALFRED NOBEL, NOBEL LAUREATES, WORLD'S FAIRS & THE NOBEL CENTER OPENING 2019
Margrit Wettstein, Nobel Museum, Stockholm

DISCUSSION

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17.15 - 18.00

ROUND-ROBIN: WHAT'S NEW IN ARTEFACTS-MUSEUMS?

SESSION 3 / PART 2 **POSTWAR: WHICH ROLE FOR ARTEFACTS?**

CHAIR: **Helmuth Trischler**, Deutsches Museum, München

9.00 - 9.40

- P** NORTH-AMERICAN WORLD'S FAIRS AND THE RE-INVENTION OF THE SCIENCE MUSEUM IN THE 1960s

Arne Schirmacher, Deutsches Museum / Scholar-in-Residence (on leave from Humboldt Universität zu Berlin)

- P** MODULE AND MODEL: MODIFYING THE "REAL" AT EXPO'70 AND THE SMITHSONIAN INSTITUTION

Teasel Muir Harmony, American Institute of Physics, Washington

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9.40 - 9.50

BREAK

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9.50 - 11.00

- SP** MODELS OF INDUSTRIAL COMPLEX AND MAGLEV: JAPAN PAVILION OF EXPO '70 IN THE CONTEXT OF TECHNOLOGICAL INNOVATION

Nobumichi Ariga, Osamu Kamei, Japanese National Museum of Nature and Science

- P** A 50 STATE TOUR AND THE ORIGINS OF THE NATIONAL APOLLO 11 ARTIFACTS COLLECTION

Allan A. Needell, National Air & Space Museum, Smithsonian Institution, Washington

DISCUSSION

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11.00 - 11.30

BREAK

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11.30 - 13.00

ROUND UP-COMMENTARY BY ROBERT FRIEDEL, UNIVERSITY OF MARYLAND

CONCLUDING DISCUSSION

LUNCH AT THE MUSEUM