

VIRTUAL CONFERENCE

HIDDEN HISTORIES: Women and Science in the Twentieth Century

Heidelberg & Bucharest, 7-8 & 14-15 May 2021

KEYNOTE SPEAKERS

Prof. Andrea Pető (Central European University)

Prof. em. Mariko Ogawa (Mie University)



ORGANIZERS

Dr. Amelia Bonea & Dr. Irina Nastasă-Matei

REGISTRATION

womeninscience2021@gmail.com

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CONFERENCE PROGRAM

Friday, May 7, 2021

10.00-10.30

Welcome

Amelia Bonea & Irina Nastasă-Matei

10.30-12.00

Session 1: Laboratory cultures

Chair: Amelia Bonea (University of Heidelberg)

Kathryn Keeble (Deakin University)

Breaking down the barriers at Cambridge in the 1930s:

Reinet Maasdorp's experience at Rutherford's Cavendish Laboratory

Susmita Mukherjee (Syamaprasad College, Kolkata)

Dr. Bibha Chaudhuri (1913-1991): A star is born in the horizon

Anna Horstmann (Ruhr-University Bochum)

Women in the laboratory: Femininity and gender relations in the German chemical industry between 1900 and 1990

Anna Mazanik (Medical University of Vienna)

Female scientists in early Soviet virology and tick-borne encephalitis research

12.00-13.00

Lunch

13.00-14.30

Session 2: Women and scientific exploration

Chair: Laura Demeter (University of Bologna)

Sara Albuquerque (University of Évora) &

Sílvia Figueirôa (University of Campinas)

Ladies on the map: The case of a manuscript of the 19th century

Emilie Dotte-Sarout, India Ella Dilkes-Hall &

Sylvie Brassard (University of Western Australia)

Ladies in a 'Boys Club': Investigating women's contributions to Pacific archaeology during the first half of the 20th century

Iia A. Shuteleva (Bashkir State Pedagogical University)

The first women archaeologists in Russian provincial archaeology

Raphaëlle Rannou (École du Louvre)

French women archaeologists and scientists in the archaeology of the Near East at the end of the 19th and the first half of the 20th century



14.30-14.45 Break

14.45-16.15 **Session 3: Gender inequality and scientific careers**

Chair: Irina Nastasă-Matei (University of Bucharest)

Daria Bochkova (Higher School of Economics, St. Petersburg)
The position of Soviet women in physical science during the Cold War

Katja Doose (École des hautes études en sciences sociales)
Weather girls and data guys: Women's careers in Soviet climatology, 1910s-1990s

Judith Harford & Keith Murphy (University College Dublin)
Leading in the academy: Women science professors at University College Dublin, 1955-1965

Pnina Geraldine Abir-Am (Brandeis University)
Why the women who discovered RNA splicing are still invisible?

16.15-16.30 Break

16.30-18.00 **Session 4: Gendering knowledge**

Chair: Sally Shuttleworth (University of Oxford)

María Jesús Santesmases (Spanish National Research Council)
Gendering microbes: Women, bacteria and viruses

Donald L. Opitz (DePaul University)
'Simply in their trousers': Men, women, and the gendering of imperial British horticulture in the early twentieth century

Marga Vicedo (University of Toronto)
Intelligent Love: Clara Park's contributions to the science of autism

Nuala Caomhanach (New York University/American Museum of Natural History)
'Your research is crap, do not bother to apply again': Female evolutionary biology theorists as scientific rebels and oppositional scientists



CONFERENCE PROGRAM

Saturday, May 8, 2021

10.30-12.00

Session 5: Science education, science policy

Chair: Jana Tschurennev (Humboldt University)

Alessandro Antonello (Flinders University)

Mary Alice McWhinnie and marine biology in Antarctica and the United States, 1960s–1970s

Chiara Gianni (Independent Scholar)

Illustrated biographies in primary education: The example of Rita Levi Montalcini

Marie Ruiz (University of Paris)

Female migrants' scientific education: The case of colonial training centers in Britain and Canada

Camelia Zavarache (Nicolae Iorga Institute of History, Bucharest)

'A model of devotion to the school': Female doctors in secondary schools in interwar Romania

12.00-13.00

Lunch

13.00-14.00

Keynote I: **Prof. Andrea Pető** (Central European University)
Women in Science in Illiberal Polypore States:
Challenges and Strategies

14.00-14.15

Break



14.15-15.45

Session 6: Rethinking the archives I

Chair: Corina Doboş (University of Bucharest)

Maria Rentetzi (University of Erlangen-Nuremberg)

The gender of artifacts: A way to study the history of women in the sciences

Bethany Anderson (University of Illinois Archives) & **Kristen Allen Wilson** (Illinois Distributed Museum)

History in the making: Documenting women in science through a lecture series

Elizabeth A. Harmon (Smithsonian Institution Libraries and Archives)

Hidden in plain sight: Histories of women in science at the Smithsonian Institution

Vincenza Mazzeo (Johns Hopkins University)

Hidden histories: Cervical cancer, women's inchoate activism, and medical knowledge in Apartheid South Africa, 1980-1996

15.45-16.00

Break

16.30-18.00

Session 7: Pedagogy of science

Chair: Charu Singh (University of Cambridge)

Maud Delebarre (University of Paris)

Science for women? Exploring scientific teaching practices in French secondary education (1881-1945)

Mobeen Hussain (University of Cambridge)

Constructing vernacular knowledge forms: Female interlocutors and domestic health in colonial-era Indian print

O'Neil J. Joseph (University of the West Indies)

Contesting boundaries: Women and science education in twentieth-century Trinidad and Tobago

Anne Hardgrove (University of Texas at San Antonio)

A science appropriate for women



CONFERENCE PROGRAM

Friday, May 14, 2021

09.00-10.30

Session 8: Representations of women and gender in science

Chair: Amelia Bonea (University of Heidelberg)

Kathryn Edgerton-Tarpley (San Diego State University)

Famine, gender, and medicine: "Women's Illnesses" during China's Great Leap Famine of 1958-1962

Shiho Maeshima (University of Tokyo)

Disencouraging: Representations of women and science in interwar Japanese periodicals

Valeriia Berest (People's Friendship University of Russia)

The image of a woman in science in the visual arts of the USSR

Katie Carpenter (University of the Highlands and Islands)

Marmalade machines and mechanical skill in the British kitchen, c.1900-1950

10.30-10.45

Break

10.45-12.15

Session 9: Science, politics and art

Chair: Taras Fedirko (University of St Andrews)

Olga Valkova (Russian Academy of Sciences)

Researching women scientists in Stalinist Russia (1935–1936)

Marie Bahenska (Czech Academy of Science),

Libuše Heczko (Charles University in Prague) &

Dana Musilova (University of Hradec Kralové)

Restoring the memory of women in science in Czechoslovakia before WWII

Elisa Garrido (Universidad Autónoma de Madrid)

María Teresa Toral (1911-1994): Science, exile and art

Luciana Jinga (Institute for the Investigation of Communist Crimes and the Memory of the Romanian Exile, Bucharest)

Fraud or science? Women scientists in communist Romania



12.15-13.15 Lunch

13.15-14.45 **Session 10: Rethinking the archives II**

Chair: Irina Nastasă-Matei (University of Bucharest)

Elizabeth Bruton (Science Museum) &
Graeme Gooday (University of Leeds)

Electrifying Women: Source material and the move from national to transnational histories of women in science and engineering

Jean Corbi (Sciences Po)

Women and the practice of western medicine in late-republican China: Evidence from Sichuan

Darryl B. Hill (City University of New York)

Misremembering Ivan Petrovich Pavlov: How and why his story is so erroneous

Serenity Sutherland (State University of New York at Oswego)

Visualizing the hidden histories of women in science: A network visualization prototype

14.45-15.00 Break

15.00-16.30 **Session 11: Associational cultures**

Chair: Kama Maclean (University of Heidelberg)

Akane Meguro (University of Tsukuba)

The alliance between the global network of women doctors and the Japanese Medical Women's Association in the 1920s and 1930s

Savithri Preetha Nair (Independent Scholar)

E. K. Janaki Ammal and her contemporaries

Marie-Elise Hunyadi (Cergy-Paris University)

Vocational guidance as a way of attracting women to scientific careers? The example of two Associations of Women Graduates (France, Great Britain, 1950-1970)

Sarah A. Qidwai (University of Toronto) &
Emily Rees Koerner (University of Leeds)

Electrifying Women International: Capturing transnational histories of women in STEM



CONFERENCE PROGRAM

Saturday, May 15, 2021

11.00-12.00 Keynote II: **Prof. em. Mariko Ogawa** (Mie University)
The Twentieth Century for Women Scientists

12.00-13.00 Lunch

13.00-14.30 Session 12: Transnational networks of science
Chair: Arunabh Ghosh (University of Harvard)

Setsuko Kagawa (Tsuda University/Nishikyushu University)
The birth of female scientists in Japan: Chika Kuroda (1884-1968)
and the transnational networks of male scientists in the
early twentieth century

Anna Cabanel (University of Amsterdam)
'From Tiszapart to Alaska': Erzsébet Kol (1897-1980), Hungarian
botanist, and the International Federation of University Women

Adéla Jůnová Macková (Masaryk Institute and Archive of the
Academy of Sciences, Prague)

Vlasta Kálalová Di-Lotti, tropical diseases, entomology and the
National Museum

Grace Yen Shen (Fordham University)
Switching places: National and transnational dimensions of
pursuing science as an early 20th C. Chinese woman

14.30-14.45 Break



14.45-16.15

Session 13: Scientific couples, scientific mentors

Chair: Müge Telci Özbek (Independent Scholar)

Tomoko Onabe (Momoyama Gakuin University)

Umeko Tsuda and her biological research

Luciana Martins

(Birkbeck, University of London/Royal Botanic Gardens, Kew)

Intimate Visions: Claude Lévi-Strauss, Dina Dreyfus and the visual archive of travel

Robert Obermair (University of Salzburg)

'Mind and education could not be described as outstanding, but she was diligent and did not shy away from any work, but cherished attention.'

Gina Surita (Princeton University)

Marital scientific collaboration and the research strategies of Dr. Gerty T. Cori, 1922–1931

16.15-16.30

Break

16.30-18.00

Session 14: Publics of science

Chair: Sakshi Aravind (University of Cambridge)

Saurav Kumar Rai (Nehru Memorial Museum and Library, New Delhi)

The curious case of Yashoda Devi: The tale of a woman Ayurvedic practitioner from colonial India

Shahar Marnin-Distelfeld (Zefat Academic College, Zefat)

Gendered botany: Women illustrators and their contribution to Israeli science and culture

Evangelia Chordaki (Hellenic Open University)

The valuable "s": Publics and counterpublics of abortion and contraception in Greece in the late 20th century



GENERAL INFORMATION

TIME ZONE

Please note that all times in the conference program are local **Berlin times**.

PRESENTATION GUIDELINES

Each session comprises four talks, with **15 minutes allocated to each speaker** and 30 minutes for questions and discussion. Please do not overshoot the allocated time as we have speakers from all over the world and it has been very difficult to coordinate time zones—some speakers are already presenting at unreasonable hours and we would like to avoid making it even more difficult for them, should technology not fail us!

We recommend that all papers be presented first and questions collected at the end. Please use the 'raise hand' icon to indicate that you wish to speak. You may also write your questions in the chat box, preferably after the talks have concluded so as not to disturb the speakers. This being said, feel free to alter this format if speakers are not able to attend the whole session due to inconvenient time differences. We will try to inform session chairs in advance if such situations arise.

You may present your paper either live (via Zoom, detailed instructions to follow) or in pre-recorded format. If you opt for the latter, please send us your recording no later than **May 2 (for those presenting on May 7-8) or May 10 (for those presenting on May 14-15)**. Similarly, if you use PPT slides, please send us a copy, no later than the **evening before the talk**, which we may use if we encounter any technical problems. We will not pre-circulate papers and there will be no recording of sessions during the conference.

GENERAL INFORMATION

KEYNOTE SPEAKERS

The allocated time for each keynote speaker is **30 minutes**, followed by 30 minutes for discussion.

REGISTRATION

There is no conference fee, but participants who are not presenting are requested to register their interest at the following email address: womeninscience2021@gmail.com. The deadline for registration is May 1. We have a limited number of slots available and they will be allocated on a first come, first served basis. Please make sure that your Zoom profile lists your full name. We will check attendance and if your name is not on the registration list you will be removed from the conference to avoid potential trouble. Our IT assistant during the conference will be Mr. Marc Samstag.

SESSION CHAIRS

In the interest of time management, session chairs are asked to introduce themselves and the speakers briefly (e.g. name, affiliation, if any, title of talk). Please ensure, as much as possible, that each session begins and ends on time.