



AE-BKH Women's Week 2020
“Women and cooperation: A symbiotic perspective”

An activity organised by the AE-Barcelona Knowledge Hub in collaboration with the UNESCO Chair on Women, Development and Cultures

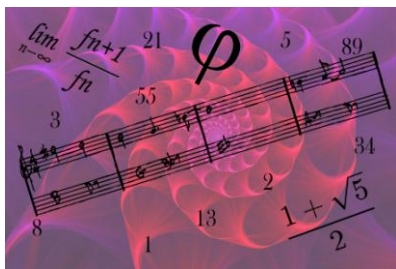
March 4th. The mathematics of music. A lecture by Pilar Bayer

Presentation of AE-BKH Women's Week 2020: Mònica Rius-Piniés (UNESCO Chair on Women, Development and Cultures)

At the Prat de la Riba Hall, IEC (c/Carme 47, Barcelona). **18.30 h– 20.30 h**



**Institut
d'Estudis
Catalans**



The mathematic principles underlying music, including those historically used to explain sound as well the role of new technologies in music, will be addressed in this lecture by renowned mathematician and musician Pilar Bayer. The session will focus on the most relevant mathematic techniques used in the digital treatment of music, in its reproduction and storage.

(This session will be conducted in Catalan.)

March 5th. Fifty years of the book *Origin of Eukaryotic Cells*, by Lynn Margulis.



Presentation of the session: Mercè Piqueras

Round Table:

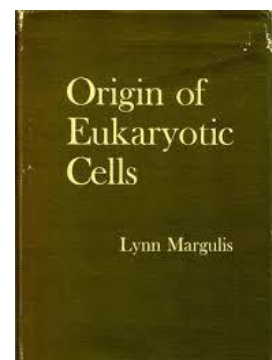
Chair: Carmen Chica.

Panel: Montserrat Vallmitjana, Begoña Vendrell, Mercè Berlanga, Carme Puche

At the Ramon Turró Room, Royal Academy of Medicine of Catalonia (c/Carme 47)

18.30 h – 20.30 h

Origin of Eukaryotic Cells, published by Yale University Press in 1970, was the book in which the young biologist Lynn Margulis (Chicago, IL, March 5, 1938 – Amherst, MA, November 22, 2011) first proposed her theory of the symbiotic nature of the ultrastructure of the eukaryotic cell. The book, containing interesting ideas that are clearly argued with an extensive biological background and ample supporting evidence in different organisms, represents the basis of our present knowledge of cellular evolution and of the origin of the organisms presently known as protists. The panel will offer a retrospective look at the serial endosymbiosis theory and the book's reasoning of the lineages of eukaryotic organisms at a time when DNA sequencing was just starting and when techniques commonly used nowadays, such as restriction enzymes or PCR, were unknown.



(This session will be conducted in Catalan.)

March 12th. “City Unfinished”, a social cooperative initiative exploring Memory and Identity in the Self-Built City



Documentary by Kathrin Golda-Pongratz, architect and urban planner: “*Ciudad Infinita-Voces de El Ermitaño*” (2018), filmed in Lima, Perú.

Speakers: Zaida Muxi, Kathrin Golda-Pongratz

Moderator: Bettina Bremme

At the Goethe-Institut Barcelona (c/Roger de Flor 224)

19.00 h – 20.30 h

A screening of “*City Unfinished –Voices of El Ermitaño*” (Lima, 2018) will take place in the auditorium of the Goethe-Institut Barcelona, followed by a debate on the main topics of the documentary film: public space, community building, housing, memory and identity. The debate, featuring journalist and author Bettina Bremme (Goethe-Institut), architect and urban planner Zaida Muxi (ETSAB-UPC) and urban researcher and film director Kathrin Golda-Pongratz (UIC School of Architecture, AE-BKH), will invite the audience to participate with the goal of exchanging ideas about the role of public space and housing in the construction of identity in different cultures, including our own.



About the documentary film, “Ciudad Infinita – Voces de El Ermitaño”:

The film, lasting 29 minutes, is based on an investigation of the urbanisation and place-making processes in the neighbourhood of El Ermitaño (Independencia/Lima), in collaboration with British architect John F C Turner, who depicted and theorised about the self-construction of Peru in the 1960s. A rediscovery made in Turner’s files of an historic documentary filmed in El Ermitaño in 1964, and its later return to and screening in the place where it had been filmed, in 2016, helped to activate collective memory and trigger work on a new documentary. “*Ciudad Infinita – Voces de El Ermitaño*” (in Spanish, with subtitles in English) seeks to portray the current challenges facing the El Ermitaño neighbourhood as told by its residents. The film reactivates memories of its roots, in particular, of its different identities of migratory origin. The documentary furthermore helps raise awareness of the concerns and efforts of its people, while providing ideas of possible incentives for similar initiatives aimed at improving and consolidating neighbourhoods such as El Ermitaño.

(This session will be conducted in Spanish.)

Partners of the AE-BKH: