

INTERDISCIPLINÁRNÍ SEMINÁŘ TOPOLOGICKÝCH STUDIÍ POETIKY UMĚNÍ,
KRAJINY A ARCHITEKTURY PŘI MATEMATICKO-FYZIKÁLNÍ FAKULTĚ
UNIVERZITY KARLOVY (ISTS)

Pozvání na 43. kolokvium ISTS

v úterý **14. dubna 2026** od **14,00** hodin

ve Velké Aule Matematicko-fyzikální fakulty UK,
Malostranské nám. 25, 1. patro.

Prof. Dr. Hans Walter Lack

Botanischer Garten und Botanisches Museum Berlin-Dahlem
Freie Universität Berlin

The Bauer brothers. Masters of botanical illustration from Valtice



Prof. Dr. Hans Walter Lack se narodil a studoval ve Vídni (doktorát 1973). Od roku 1990 byl ředitelem slavné a rozsáhlé botanické zahrady a muzea v Berlíně-Dahlem a rovněž profesorem na Freie Universität Berlin. Je autorem řady knižních publikací a jeho knihy vycházejí neustále v nových edicích. Prof. Lack je nositelem Medaile za zásluhy Spolkové republiky Německo (Grosse Verdienstkreuz) a rovněž Medaile za zásluhy Rakouské republiky.

Za svoji vědeckou práci získal řadu medailí a vyznamenání včetně Dahlgrenovy ceny za botaniku (2017 Lund) a Stafleu medaile Mezinárodní asociace pro taxonomii rostlin. Prof. Lack je rovněž členem více než 10 mezinárodních akademií a institucí v oblasti botaniky, rostlin a historie obecně. Byl hostujícím profesorem předních světových institucí v oboru.

Prof. Lack je autorem přes 400 vědeckých publikací. Jeho celoživotním zájmem je historie a taxonomie a ilustrace rostlin a zvláště květin. Jeho slavné knihy jsou toho dokladem.

Tématu historických ilustrací rostlin je rovněž věnované naše kolokvium.

Jaroslav Nešetřil a Tomáš Vlček
za ISTS

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Abstract

Botanical illustration is best understood as the accurate visual documentation of those details of plants which are necessary for identification. As a rule, these illustrations are prepared by specialists working under the supervision of a botanist and serve for visual communication with specialists in the field. When published, botanical illustrations greatly increase the impact of new findings. Over centuries an endless procession of botanical illustrations has been produced by sometimes anonymous hands, but there are also several great names, among them those of the brothers Franz Bauer (1758-1840) and Ferdinand Bauer (1760-1826). Franz may be regarded as an archetypical resident illustrator working in botanical gardens. By contrast, Ferdinand served for several years as travelling illustrator documenting plants, animals and landscapes in the western part of the Ottoman Empire and later during the first circumnavigation of Australia. A high proportion of the drawings by Franz and Ferdinand depict plants and animals which were new to science and had not yet received a name. More than a thousand of their watercolours were published, mainly in England.

An outline of the lives of Franz and Ferdinand Bauer and the impact of their work is presented. Special emphasis is given to their interrelationship with their commissioners, among them Prior Norbert Boccius in Valtice, Nikolaus Joseph Edler von Jacquin in Vienna, John Sibthorp in Oxford, Sir Joseph Banks and Sir Everard Home in London. Both brothers were indefatigable workers with the bulk of their productions kept in the Natural History Museums in London and Vienna, and in the Sherardian Library in Oxford. Ferdinand depicted plants from Greece, Cyprus, Turkey and Australia and was the first explorer of the flora and fauna of Norfolk Island, Franz documented the plants cultivated in the Royal Garden at Kew for five decades. In addition, the latter was a pioneer microscopist who contributed to the understanding of the life cycle of the black rust (*Puccinia graminis* L.) and was the first to depict the cell nucleus in plant cells although he failed to understand its omnipresence. Franz and Ferdinand's works are regarded today as the golden standard for botanical illustration.