



COST

**EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY**



DYNALIFE

WG4 Meeting

25 & 26 January 2024



**UNIVERSITY OF
CHEMISTRY AND TECHNOLOGY
PRAGUE**



About COST Programme

COST (European Cooperation in Science and Technology) is a funding agency for research and innovation networks. Our Actions help connect research initiatives across Europe and enable scientists to grow their ideas by sharing them with their peers. This boosts their research, career and innovation.

About Dynalife COST Action

The main objective of the COST Action Dynalife is to coordinate the expertise of a potentially critical mass of research groups not only throughout Europe in order to produce collaborative high-impact interdisciplinary research on the comprehension of biological information, the logic and the strategies used by life for its management, and how and to what extent related biological functions, expressed in terms of quantifiable dynamical behaviour, are determined and/or controlled by it. Being primarily rooted in the fields of physics, mathematics, chemistry, statistics, and engineering, the Dynalife Action reflects the wide range of biological coding and decoding systems to which the new ideas and methods can be applied. We aim to explore potential applications of theories and models, in particular to personalized genetic therapy, protein production and artificial life. This COST Action Dynalife aims to unite European research groups for innovative, interdisciplinary research, breaking communication barriers, educating young researchers, and engaging a broader audience.

About Prague WG4 Dynalife COST Meeting

This meeting will contribute to WG4 objective, which is to **promote communication, dissemination, and science-art crossover activities** related to the theme of the action „**Information, Coding, and Biological Function: the Dynamics of Life**“ at large remarking the importance of basic research for the evolution and the well-being of the human society. At the WG4 meetings, leading science communicators, journalists, and documentary filmmakers will guide the scientific community on how to communicate scientific issues to the general public. As part of this meeting, there will be a public launch of the book "*R.U.R. and the Vision of Artificial Life*" (edited by WG4 leader *Jitka Čejková*, published by MIT Press on January 16, 2024) which was created thanks to the COST programme networking support.

ORGANIZING COMMITTEE

- *Jitka Čejková* (dynamalife.cost@gmail.com)
- *Mario Vazdar* (vazdarm@vscht.cz)

VENUE

- University of Chemistry and Technology Prague – building B (*Vysoká škola chemicko-technologická v Praze*)
 - Room 2319 (*Zasedací místnost*) – meetings (Zikova 4, Praha 6)
 - Lecture Hall BI – book launch (Technická 3, Praha 6)
- + online (Zoom links can be found on the website www.dynalife.eu/prague-2024)

Thursday: January 25, 2024

9:00 – 10:00 Room 2319	Opening Registration, introduction of participants
10:00 – 13:00 Room 2319	WG4 Meeting – Part I Short film discussion Guests: <ul style="list-style-type: none">• <i>Petr Salaba</i> (documentary filmmaker)• <i>Ondřej Kazík</i> (representative of the International Festival of Science and Documentary Films - AFO Olomouc)
13:00 – 15:00	Lunch Break
15:00 – 18:30 Lecture Hall BI	Book Launch In person short talks: <ul style="list-style-type: none">• <i>Seth Bullock, Julyan Cartwright, Gusz Eiben, Carlos Gershenson, Jana Horáková, Sina Khajehabdollahi, Julie Nekola Nováková, Antoine Pasquali, Steen Rasmussen, Petr Salaba, Nathaniel Virgo</i> Online short talks: <ul style="list-style-type: none">• <i>George Musser, Hemma Philamore and others</i>
20:00	Dinner

Friday: January 26, 2024

9:00 – 12:00 Room 2319	WG4 Meeting – Part II How to communicate and disseminate the COST Action Guests: <ul style="list-style-type: none">• <i>Jan Havlík</i> (teacher of science communication at UCT Prague, photographer)• <i>Pavla Hubálková</i> (science communicator, journalist)• <i>Jan Tomáščík</i> (representative of the most famous Czech science communication platform Vědátor)
12:00 – 14:00	Lunch Break
14:00 – 15:00 Room 2319	WG4 Meeting – Part III Project logo and website content discussion
15:00 – 16:00 Room 2319	Core Group Meeting Chair: <i>Diego Gonzalez</i>
16:00 Room 2319	Closing



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