

# Vzdělávací agentura DESCARTES, v.o.s. Svratouch 104, 539 42 Svratouch, IČO: 26008530

In Prague, May 4, 2020

# **PROGRAM**

of the on-line training course

## "Ethics of Scientific Conduct"

Aimed at the researchers of the Institute of Mathematics of the Czech Academy of Sciences.

The training course is to be executed within the framework of the project CZ.02.2.69/0.0/0.0/18\_054/0014664 Institute of Mathematics goes for HR Award implementation of the professional HR management.

> Monday, May 18, 9:30 – 11:30, 12:00 – 14:00 (4 hod) Tuesday, May 19, 9:30 – 11:30, 12:00 – 14:00 (4 hod)

> > Doc. Mgr. Jan Havliš, Dr.

National Centre for Biomolecular Research, Faculty of Science, Masaryk University, Brno

Mgr. Bc. Michal Koščík, Ph.D.

Head of the Legal Department, Faculty of Medicine, Masaryk University, Brno

## Monday, May 18, 9:30 – 11:30 & 12:00 – 14:00

Lecture with practical examples & discussion

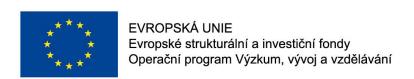
The speaker: Jan Havliš

## 9:30 – 10:30: Ethics, Science & Scientific conduct

Human mind & cognition – the place it all began Ethics – what it is and what it is good for Science – or how to functionally define science Scientific conduct – the practical face of science Ethics in science – a framework and concepts Research integrity – concept and tools

### 10:30 – 11:30 Ethical aspects of science as a way of methodical knowledge acquisition

Pseudoscience – invisible line science and looks-like-science; why pseudoscience maybe unethical Scientific misconduct – forging, doctoring, plagiarism, rogeting, ghost-writing & bad science Famous publication affairs – publication is often a place where we can see the misconduct at first Argumentation – why is important in ethics and how do we fail it







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#### 11:30 - 12:00 Break

### 12:00 – 13:00 Ethical aspects of science as an organised system

Abuse of scientists – false expertise, forced unethical or dangerous research Abuse of funding – pretending good & ethical science to get funded Predatory practices – pact with the devil against the demon Difficulties to implement ethical conduct

#### 13:00 – 14:00 Ethical aspects of science as a social institution

Abuse of scientific knowledge – weapons, manipulation and crime

# Tuesday, May 19, 9:30 - 11:30 & 12:00 - 14:00

Lecture with practical examples & discussion The speaker: Michal Koščík

## 9:30 – 10:30 Copyright and authorship

Which results are covered by copyright?
Authorship and Co-Authorship
Author and his Employer
Plagiarism – difference between scientific plagiarism and copyright plagiarism

#### 10:30 - 11:30 IP Rights to software

Computer programme as IP, rights to other elements of software License and right to use the software Adaptation and De-Compilation of a computer program Open source software

#### 11:30 - 12:00 Break

### 12:00 – 13:00 Data and database rights

Rights to primary and secondary data Database as IP Protection of information

#### 13:00 – 14:00 General responsibility towards society

Fundamental human right to knowledge and access to information
Duty to disclose publicly funded research
Open access vs Proprietory means of distribution
Open repositories, Open data, , Open-Access, Open-Source, Public Licenses

