



MASARYKOVA
UNIVERZITA

National Research Funding Opportunities

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Head of Research Office

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Research funding sources at MU

2 main sources to fund research at MU:

Grants

1 042 779 000 CZK (2017)

Won through grant competitions at different grant providers.

In 2017:

- 29% National grants
- 15 % International Grants
- 14% European Structural and Investment funds (ESIF)

58%



Institutional Support (IS)*

726 275 000 CZK (2017)

Received

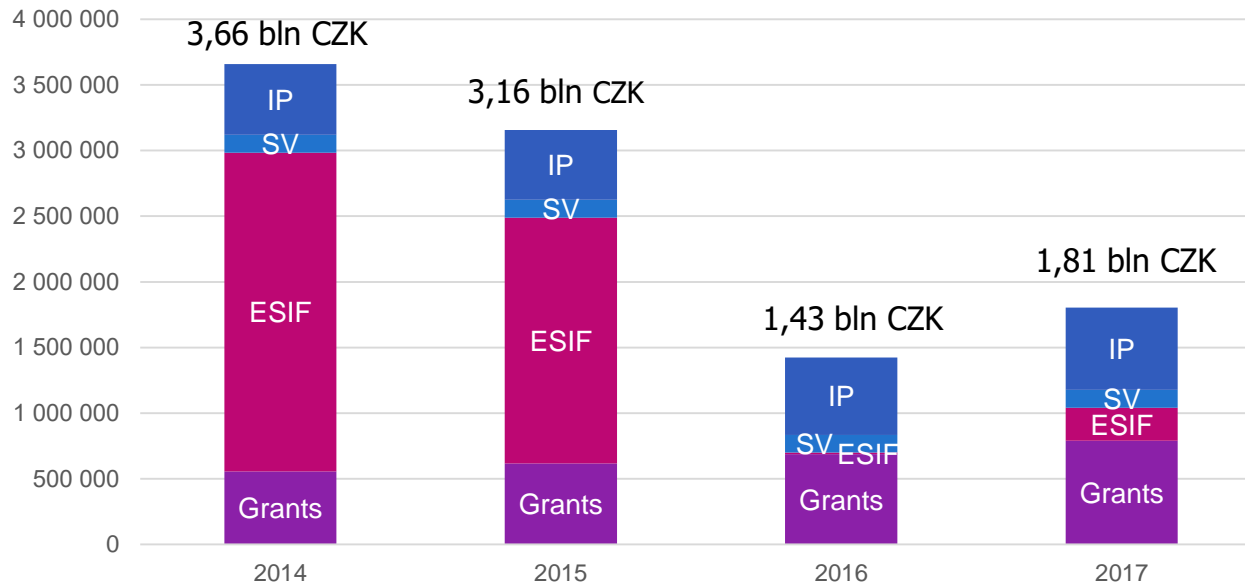
From the national government

42%



Projects are the main source of funding for research at MU.

MU annual research budget



Overview of the grant providers

National grants



Ministries

International and co-funded grants



SO-MO-PRO-

- [EMBO](#)
- [EHP/Norway grants](#)
- [International Visegrad funds](#)
-

European Structural and Investment funds

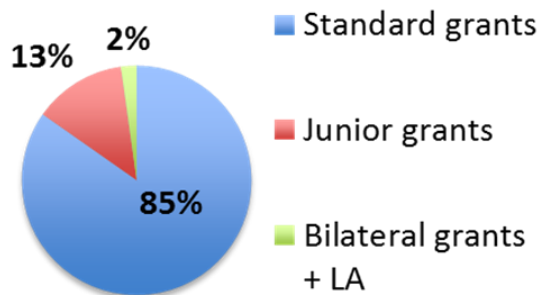


EVROPSKÁ UNIE
Evropské strukturální
a investiční fondy

Basic research

- Projects for 2-3 years
- The PI defines the topic
- No limit on the project budget
- Individual and collaborative projects
- 1 call per year in the individual programmes in February/March
- Average success rate of MU in 2018: **26,6%**
- Annual GAČR budget cca. 3,5 bln CZK

GAČR budget distribution



Programmes

Standard projects

Excellent basic research

Junior grants

Up to 8 years after PhD,
international experience required

Bilateral projects and LA grants

International cooperation

ERC Support

Support for ERC junior applicants

EXPRO

For excellent scientists with the aim to submit ERC application



Applied research

- Collaborative projects typically for 1 – 4 years
- Focuses on **cooperation of research organization with business**
- **Defined research topics** – linked to the goals of the National priorities of oriented research
- Expected **Research results** – industrial and utility model, prototype, functional sample, software, patent, methodology, map, research report, pilot plant, technology, ...
- **The most important principle** – the outputs of the solution have to substantially change the current situation and be used in practice
- Overall success rate of proposals submitted: 55%

T A
Č R

Programmes

BETA 2

Public tenders for state administration
– specific requirements

GAMA

Market exploitation of research results,
new products and services

ZÉTA

Support of junior scientists in applied
research

ÉTA

Applied research in area of social
sciences and humanities

National centre of Competence

Large strategic centres, focused on
cooperation of RO and commercial sphere

THÉTA

Applied research in the field of
energy

DELTA

International collaboration in applied
research (listed countries only)

EPSILON

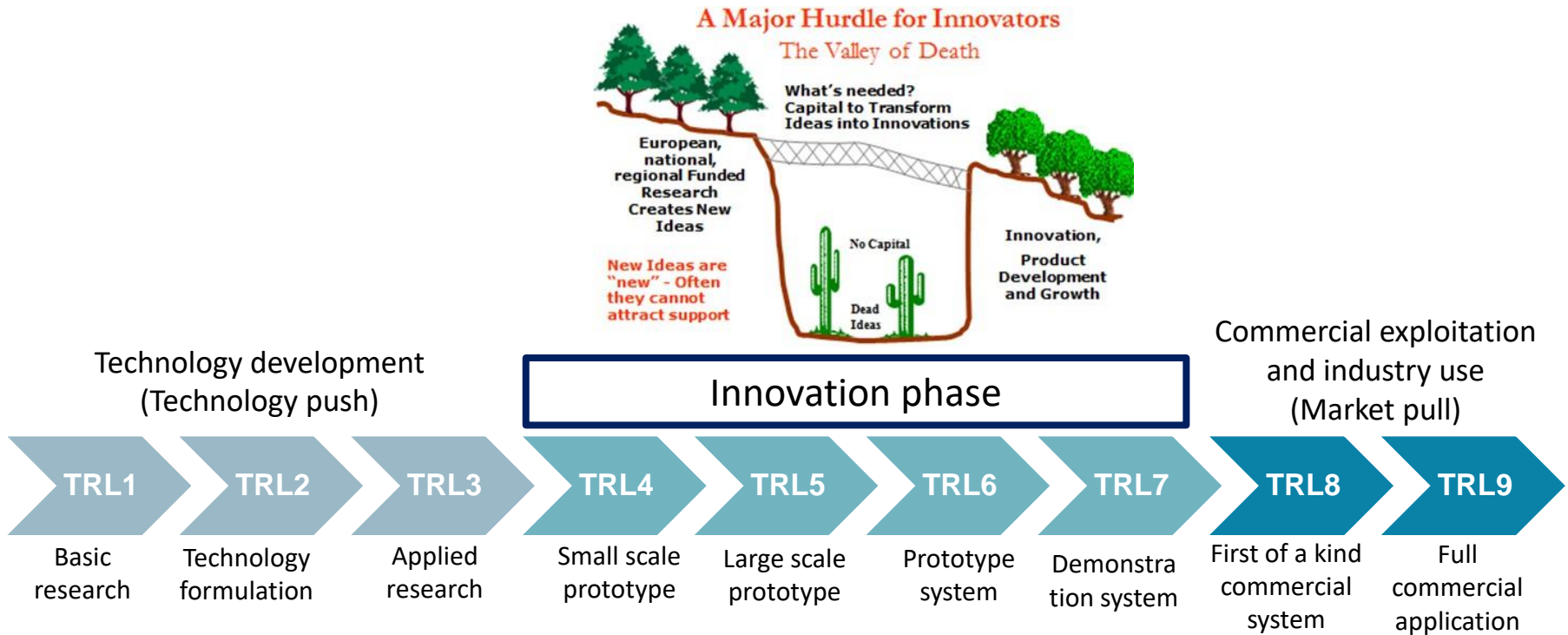
Market exploitation of research results,
new products and services



Programmes of ministries - applied and basic research

M. of Industry and Trade	Ministry of Culture	Ministry of Agriculture	Ministry of the Interior	Ministry of Health	Ministry of Education
<u>TRIO/TREND</u>	<u>NAKI II</u>	<u>ZEMĚ</u>	<u>Security Research</u>	<u>Research in Healthcare</u>	<u>INTER-EXCELLENCE</u>
Key Enabling Technologies research (KET) - photonics, micro- and nanoelectronics, nanotechnology, industrial biotechnology, advanced materials and manufacturing technologies	Applied Research - National and cultural Identity archaeology, language, arts, technologies and procedures for the protection of cultural heritage - For social science and humanities	Applied research in agriculture, angling, food processing industry, water and forest management, support for implementation of national policy in agricultural sector	Applied research - national security and citizens' safety, critical infrastructures, crisis and security policy	Applied research in healthcare - Origin and development of diseases; New diagnostic and therapeutic methods and epidemiology and prevention of life-threatening diseases	<u>Mobility</u> Basic and applied research - INTER-EXCELLENCE – broad programme MOBILITY - projects with partner countries

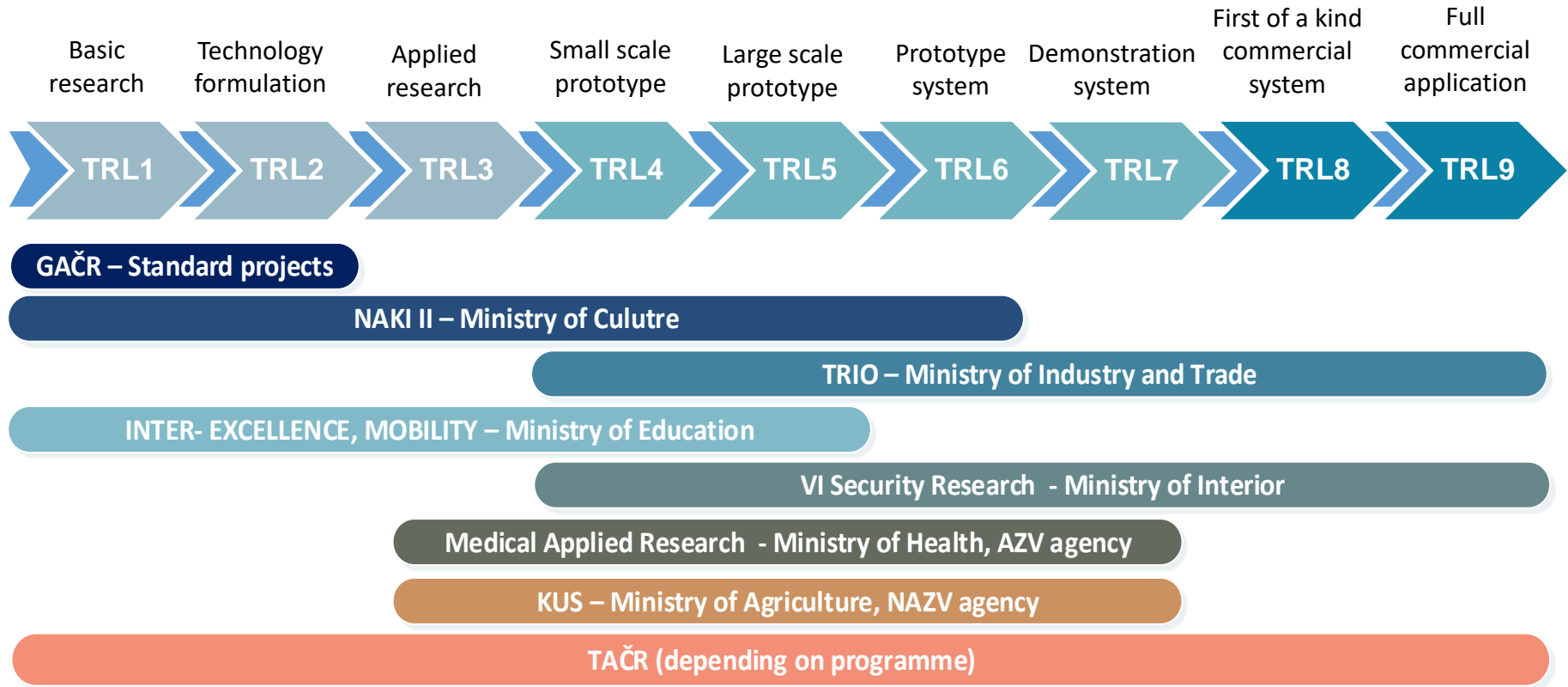
TRL - Technology Readiness Levels



- TRL 1-3 – From Idea through concept formulation and technology outline to confirmation of the concept
- TRL 4-7 – From „ugly“ prototype to a fully functional product tested in an operating / work environment
- TRL 8-9 – Successful market launch and full commercial use of the product / service

The **TRL definitions** are commonly used in the in the call description of many national and international grant providers

TRLs and National grant programmes



MU Grant Agency - Internal research funding scheme

GAMU

For students

Specific academic research

A - Student Research Projects

B - Student Research Conferences

Rector's program

C - Support for outstanding diploma theses

D - Support for students' magazines

For researchers

E - Support for improving quality of excellent results

F - Support for the preparation of international project proposals

G - Interdisciplinary research projects

H - Individual frontier research projects

I - MUNI award in science and humanities

<https://gamu.muni.cz>

GAMU: Student Research Projects

- Closest upcoming call: Autumn 2019
- Ph.D. students along with their supervisors may submit a research project related to their field of study at Masaryk University
- Specific requirements at individual faculties
- Conditions:
 - Duration: 1 year
 - Max. budget: 3 mil. CZK (faculty specific)

GAMU: Excellent results

- The aim is to support successful completion/upgrade of an extraordinarily high quality research result, which is already elaborated, limited only by lack of financial means and will meet the top parameters of the given research field.
- Call published 2–3 times a year
- Allocation 1 000 000 CZK/ year. Duration of project 1 year.
- **Success rate 44%**

GAMU: Support for the preparation of international project proposals

- The support is focused on covering the costs of preparing outstanding and prestigious project proposals for international grant providers (e.g. European Commission programmes).
- The call works on a continuous basis.

GAMU: Interdisciplinary Research projects

- Support for larger research groups composed of research teams from at least two faculties at the MU.
- Research topics must be interdisciplinary, innovative and with high added value, and those that are usually not supported by other sources and has not yet been solved at the MU.
- Financial support of 5 000 000 CZK yearly for 3 years
- **Success rate 17%**

GAMU: Individual frontier research projects

- Financial support 1 000 000 yearly for 2–3 years
- The aim is to widen the research base capable of obtaining ERC grants
- <https://www.em.muni.cz/veda-a-vyzkum/11462-univerzita-podporila-hranicni-vyzkum-evoluce-enzymu-a-regenerace-zubu>

GAMU: MUNI Award in Science and Humanities

- Financial support 5 000 000 yearly for 5 years
- For ERC holders (or applicants with the A mark from the second step of evaluation)
- <https://www.em.muni.cz/en/science/11424-british-researcher-to-study-interwar-art-at-mu>

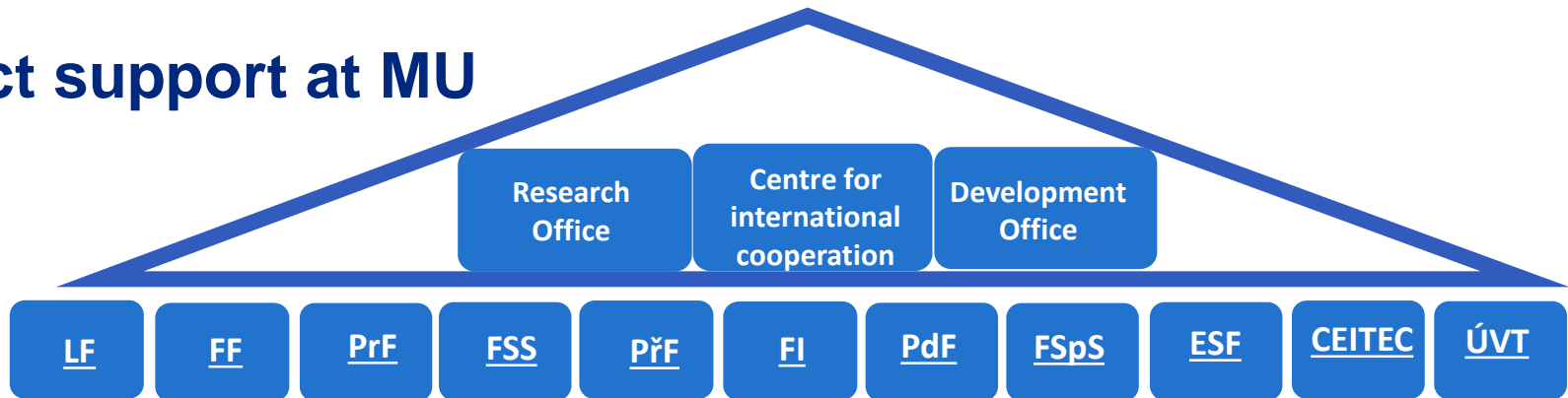
Summary: Grants for young scientists

- Grant Agency of the Czech Republic:
 - Junior Grants

- Technology Agency of the Czech Republic:
 - ZÉTA grants

- Internal Grant Agency:
 - Student Research Projects

Project support at MU



University-wide support

- Research Office, Development Office, Centre for International Cooperation (CZS)

Project/ Grant Offices provide:*

- Information service, contacts for other specialized support staff
- Administrative support with project proposal preparation – mandatory attachments, proposal record and approval in internal system (ISEP), advice on project budget
- Administrative support with project implementation – cost reporting, periodical reporting, internal approvals, archiving documentation
- Support for logging publications and other research results in internal system IS
- PhD study administration

*The scope of the provided services at the different Faculties and Institutes may vary

Project support – heads of Research offices at economic centres

HS	Project Support - contacts	Email
<u>CEITEC</u>	Mgr. Ladislav Čoček	grants@ceitec.muni.cz
<u>ESF</u>	Mgr. David Póč	David.Poc@econ.muni.cz ; veda@econ.muni.cz
<u>FI</u>	Ing. Dana Komárková	dkomar@fi.muni.cz
<u>FSS</u>	Ing. Jitka Wolfová	wolfova@fss.muni.cz
<u>FSpS</u>	Ing. Zuzana Sajdlová, Ph.D.	sajdlova@fsps.muni.cz
<u>FF</u>	Ing. Markéta Jurášová	jurasova@phil.muni.cz
<u>LF</u>	Ing. Zuzana Krejčířová	zkrejcir@med.muni.cz
<u>PdF</u>	Ing. Martina Legátová	legatova@ped.muni.cz
<u>PrF</u>	Mgr. Ing. Jiří Jaroš	Jiri.Jaros@law.muni.cz
<u>PřF</u>	Ing. Zdeňka Rašková	zdenar@sci.muni.cz
<u>ÚVT</u>	Ing. Lucie Klimentová/ Mgr. Iva Krejčí	klimentova@ics.muni.cz ; krejci@ics.muni.cz

Research Office support

- **Information spreading**
 - Research Office website
 - Research Office newsletter
 - Information seminars, workshops, trainings

- **Individual support provided**
 - Individual consultancy with Research Office staff
 - Help with proposal development

- **Financial support**
 - For preparation of prestigious project proposals

Research Office Events in 2019

MUNI

Masaryk University Research Office Events in 2019

Researcher	PhD Student	Research Support
15. 3. 2019 9.00-12.00		
		INTRODUCTION TO THE RESEARCH FUNDING OPPORTUNITIES Lecture within PREFEKT course Speaker: Gill Walls (University of Oxford, Research Services European and International Team) Roman Bedík (MU Research Office)
8. 3. 2019		
		CZECH SCIENCE FOUNDATION 2019 (GAČR) CZ only Lecture by the grant provider Speaker: Lada Kinetková (GAČR Director)
21. 3. 2019		
		H2020 FINANCIAL ASPECTS CZ only Workshop for international projects Speaker: Lenka Chvojková, Aneta Hlavsová (Technology Centre CAS)
28. 3. 2019		
		RESEARCH EVALUATION IN THE CZECH REPUBLIC - COMPREHENSIVE OVERVIEW Lecture Speaker: Michal Petr, Monika Sieberová (MU Centre for Scientometric Support)
12. 4. 2019 10.00-12.00		
		COMMUNICATING SCIENCE Lecture within PREFEKT course Speaker: Michael Londeborough (Czech Academy of Sciences)
17. 4. 2019		
		ERC GRANTS INFO DAY Info day Speaker: Tomáš Jungwirth (Czech Academy of Sciences) Zdeněk Strakoš (Charles University) Daniel Král (MU FI) Marek Mráz (MU CETEC)
24. 4. 2019		
		APPLIED RESEARCH DAY CZ only Info day - lecture by the grant provider Speaker: MU Research Office MU Technology Transfer Office MU Legal Office Technology Agency CR
7. 5. 2019		
		TÁČR KAPPA - EEA AND NORWAY GRANTS CZ only Lecture by the grant provider Speaker: Dominika Pechlíková (Head of EEA and Norway Mechanisms Unit, Technology Agency CR)
19. - 23. 8. 2019		
		SUMMER SCHOOL FOR PHD STUDENTS Summer school in Telč
OCTOBER 2019		
		RESEARCH EVALUATION IN THE CZECH REPUBLIC - COMPREHENSIVE OVERVIEW Lecture Speaker: Michal Petr, Monika Sieberová (MU Centre for Scientometric Support)
16. 10. 2019		
		MOTIVATION SEMINAR FOR PHD STUDENTS CZ only Info day. Further information will be available at the beginning of 2019/2020 autumn term. Speaker: MU Career Centre
OCTOBER 2019		
		PHD DAY AT MU FACULTIES Info day for PhD students. Further information will be available at the beginning of 2019/2020 autumn term. Speaker: MU Research Office MU Faculties
OCTOBER / NOVEMBER 2019		
		HORIZON EUROPE Info day. Further information will be available at the beginning of 2019/2020 autumn term. Speaker: MU Research Office Technology Centre CAS

If for further information please follow [THE MU RESEARCH OFFICE WEBSITE](#).
More events and research oriented activities organized by MU CETEC you can find [HERE](#).

- Link:
- https://is.muni.cz/auth/do/mu/tiskove_zpravy/A3_OV_RMU_seminarinal.pdf



Thank you for your attention