

WORK PROGRAM FOR THE DEANS NOMINATION
Faculty of Mathematics, Natural Sciences and Information Technologies
University of Primorska (UP FAMNIT)
Ademir Hujdurović

SHORT PRESENTATION OF THE CANDIDATE

Name and surname: Ademir Hujdurović.

Date of birth: March 27th, 1987.

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Academic/Research career:

01/2023 – : Managing editor of the international SCI journal *Ars Mathematica Contemporanea*.

11/2019 – : Dean of UP FAMNIT

05/2019 – : Associate professor in the field of Mathematics and senior research fellow, UP.

03/2019 : Scientific excellence award of UP.

01/2019 – : Member of the research program P1-0404.

11/2018 – 11/2019: Vice-dean for international cooperation at UP FAMNIT.

06/2018 – : Editor of the international SCI journal *Ars Mathematica Contemporanea*.

09/2017 – 12/2017: Visiting professor at the University of Auckland, Auckland, New Zealand.

09/2014 – 05/2019: Assistant professor in the field of Mathematics and research fellow, UP.

10/2013: Ph.D. in Mathematics, UP FAMNIT.

01/2010 – 12/2018: Member of the research program P1-0285.

01/2010 – 10/2013: Young researcher at UP IAM (supervisor: Prof. Dr. Dragan Marušič)

Bibliography:

See https://bib.cobiss.net/bibliographies/si/webBiblio/bib201_20230508_105805_a220097123.html.

Scientific achievements::

Original scientific articles in the journals indexed by SCI Expanded: 33 (A1=7, A2=7, A3=17, A4=2).

Number of pure WoS citations in the last 10 years (2013 - 2023): 111.

WoS H-index: 7.

Socio-economically relevant achievements:

Invited speaker at international scientific conferences: 2.

Organization of international scientific meetings: 15.

Mentoring and co-mentoring: 3 doctoral dissertations, 1 young researcher, 3 master's thesis, 1 final project assignment.

Work program

Since its foundation, under the leadership of Prof. Dr. Dragan Marušič (2006 - 2011) and Prof. Dr. Klavdija Kutnar (2011 - 2019), UP FAMNIT has become a recognized institution, both in Slovenia and abroad. Since 2019, FAMNIT continued with its development and with making its name locally and globally recognized. In the last 4 years, our employees received 3 Zois awards (the highest national scientific award in Slovenia) for outstanding scientific achievements, 2 Zois recognitions and many other national and international awards. Our employees were extremely successful in obtaining research projects, which resulted in obtaining 5.239.033 Euro for research in the last 3 years. The number of employees increased from 166 (105,6 FTE) in October 2019 to 187 (126,2 FTE) at the end of 2022. The number of students has grown from 667 (483 undergraduate, 165 masters, 19 PhD students) in 2019/20 academic year to 929 in this academic year (705 undergraduate, 180 masters, 44 PhD students). In the next period, we will continue to develop the faculty in the direction set by my predecessor with the help of excellent professional support from support services, the hard work of FAMNIT faculty members, and active student involvement. Below I will briefly describe the main goals for the further development of the faculty.

Educational activities

Teachers will be encouraged to use modern teaching methods. We will encourage the preparation of university textbooks and other study materials, especially in those subjects for which there is currently no suitable study material. We will update our study programs in accordance with the findings of annual self-evaluations that will be prepared in close collaboration with the local community and, of course, based on feedback from students and graduates. In accordance with our financial capabilities, we will oversee the promotion of the faculty in the Slovenian and international space, including organizing various events for high school students, thus coming into direct contact with potential future students. We will also strive for a more active role in organizing and preparing students for competitions, as this will ensure our visibility with the best students. In accordance with our financial capabilities, we will try to expand our offer of study programs in English. In this way we will continue with the successful process of obtaining students from abroad, who currently make up almost half of all students at UP FAMNIT.

We will encourage students to be mobile and strive to attract as many 'incoming' students as possible. In this way we will enrich the experience and knowledge of our students. Being members of Transform4Europe network, we will upgrade our collaboration with the T4EU universities, by providing more options for the exchange of staff and students with the partner universities. We will continue to support the participation of our students in domestic and international calls and competitions. In cooperation with UP IAM, we will strive to actively involve students in the research process at the earliest possible stage of their university education.

Research activities

UP FAMNIT will continue its successful collaboration with UP IAM in the field of research and thus work towards the goal stated in the vision of UP FAMNIT: *UP FAMNIT will try to double the number of scientific publications in international scientific journals, that is, to achieve that all higher education teachers will publish at least one, and on average at least two, scientific publications a year, to increase the share of scientific publications in the most prominent international scientific journals and to achieve the maximum number of publications of scientific monographs in the most reputable international publishing houses.* UP FAMNIT will break through into the world's top institutions in at least one more scientific field, thus enhancing stable sources of funding for research activities. We will support the efforts of the internal research program at UP FAMNIT, to achieve great scientific excellence to become research program with stable funding. We will support applications for new internal research programs. We will encourage employees to actively collaborate in basic, applied and interdisciplinary projects. We will continue to promote collaboration of UP FAMNIT with industry. We will encourage employees to apply for projects funded by the European Research Council (ERC Starting Grants, ERC Consolidator Grants, ERC Advanced Grants and ERC Synergy Grants) with the aim of acquiring at least one ERC project over the next four years.

International cooperation

Integration into the global university space will remain among the key priorities of UP FAMNIT. In the future, UP FAMNIT will continue with inclusion into international network mobility schemes (Erasmus+, bilateral projects, mobilities based on agreements between universities, Cost actions, etc.). All employees, from the support staff to the lecturers and researchers, will be encouraged to undertake shorter and longer (research and educational) visits at universities abroad, and to apply to Fulbright scholarships, Erasmus programs, bilateral projects and similar programs. Cooperation with the T4EU university members will be enhanced.

International contacts will be established through the organization of important international conferences and summer schools. In addition to the 8th European Congress of Mathematics (8ECM), which was organized in 2021 in Portorož, the 32nd World Congress of the International Association for the Suicide Prevention (IASP), to be organized in Piran in 2023, and the traditionally organized scientific events, we will support initiatives to organize other internationally recognized scientific events, thus enhancing the international recognition of the faculty.

Space and infrastructure

UP FAMNIT has significantly improved the spatial and infrastructural conditions for the implementation of educational and research activities over the years. The renovation of Livade 1.0 building was finished in 2022, which greatly improved the working conditions, primarily for the biodiversity and applied natural sciences departments. At the same time, we plan to start the activities for the renovation of the old Post Office building at Glagoljaška 8, hopefully to get the permission of building one additional floor, that is needed to provide additional office space for support services and additional lecture rooms. With the aim of reducing rental costs, our goal is also to buy the rest of the building at Kettejeva 1, which also needs to be renovated. We will continue to provide support to the extension of capacities in the student dormitories owned by the University of Primorska, in the same way as we did when UP bought the Hotel Pristan building for the student dormitories.

Through the successful application at various research projects, UP FAMNIT has in the last years acquired top research equipment worth over 3 million euros. It is now our job to make the most of this equipment. This equipment, of course, also requires adequate maintenance, which can only be provided with appropriately increased infrastructural resources.

Extracurricular activities

We will continue to support the extracurricular activities of UP FAMNIT students and encourage employees to socialize with students beyond the classroom. We will support student sports activities. In collaboration with the Student Council we will strive to strengthen the various activities for easier integration of students coming from abroad.

Koper, 15. 5. 2023

Assoc. Prof. Ademir Hujdurović