

Polish Academy of Sciences Committee on Informatics

Annual Report 2021-09-01 to 2022-08-31

Overview of Society

The Polish Academy of Sciences (PAS) is a Polish state-sponsored institution of higher learning established in 1951 with headquarters in Warsaw, Poland. It has 5 divisions, and each of them has a number of committees. 30 members of each committee are elected through a country-wide election and voting rights are only with professors and habilitated doctors working in the scientific discipline corresponding to a given committee.¹

Responsible for cooperation with IFIP is the **Committee on Informatics** of the Polish Academy of Sciences (PAS Committee on Informatics for short). In the last election to the Committee there were over 400 professors and habilitated doctors with voting rights. The Committee was established in 1972 (PAS became a member of IFIP in 1962).

Mission statement

The Polish Academy of Sciences conducts a wide range of activities for the development of science and setting the highest quality standards of research and ethical norms. Those activities aim at serving society and enriching the national culture.

As it comes to the PAS **Committee on Informatics** its mission is to take all types of actions aiming at the development of informatics (i.e. computing sciences) and use of its achievements for the good of the country.

Links to websites

Website of the PAS: <https://institution.pan.pl/>

Website of the PAS **Committee on Informatics**: <https://ki.pan.pl/en/>

Participation in the IFIP bodies²

PAS has its representatives in all technical committees of IFIP. Two of the representatives serve as chairmen:

- Prof. Tadeusz CZACHÓRSKI – **Chair of TC 5 - Information Technology Applications**
- Prof. Lukasz STETTNER – **Chair of TC 7 - System Modeling and Optimization**

Moreover, there are **65 Polish members** in various IFIP **working groups** and 4 of them play management roles:

- Prof. Robert WREMBEL – **Chair** of WG 2.6 - *Databases*
- Prof. Janusz GRANAT – **Chair** of WG 7.6 - *Optimization-Based Computer Aided Modeling and Design*

¹ Other members of a PAS committee include a few permanent members of PAS (their total number over all the scientific disciplines cannot exceed 300) and up to 10 members elected by the committee (it gives a chance to have people with some industrial or social background as those members are not required to have the habilitation degree).

² Based on *IFIP Information Bulletin*, February 2022 – No. 52

- Dr. Jacek RAK – **Vice-Chair** of WG 6.10 - *Photonic Networking*
- Prof. Mieczyslaw Lech OWOC – **Vice-Chair** of WG 12.6 - *Knowledge Management*

It is worth mentioning that two full members of the PAS were named **IFIP Fellows** in 2018:

- Prof. Janusz Kacprzyk – member of IFIP **TC 8**
- Prof. Roman Słowiński – former member of IFIP **TC 12**

Key activities in 2021/22

The PAS **Committee on Informatics** was co-organizer (through its working groups) or technical sponsor to the following conferences:

- 22nd National Conference on Software Engineering, Cracow, Poland, 21-23 September 2021
- 13th EuroSymposium on Digital Transformation, Gdansk - Sopot, Poland, 23 September 2021
- 16th Federated Conference on Computer Science and Information Systems, FedCSIS 2021, online, 2-5 September 2021
- 21st International Conference on Artificial Intelligence and Soft Computing, Zakopane, Poland, 19-23 June 2022
- Moreover, the Committee organized tens of working seminars through its 11 working groups (see <https://ki.pan.pl/en/structure>).

One of important activities of the Committee is to present its opinions on issues concerning Informatics as a discipline of science as well as part of Polish economy. Last year the Committee issued two opinions:

- *Opinion on OECD Recommendations concerning open access to data resulting from research funded by public sources,*
- *Opinion on points assigned by the Ministry of Education and Science to conference proceedings.*

They are available (in Polish) at <https://ki.pan.pl/en/statements>.

Another activity of the Committee is annual **Pawlak Award for the Best Monograph in Informatics**. Eligible are authors with Polish affiliation only. In 2021 the Committee distinguished three monographs published with Taylor & Francis, Wiley & Sons, and Springer Nature (their bibliographic data are available at <https://ki.pan.pl/pl/nagroda>).