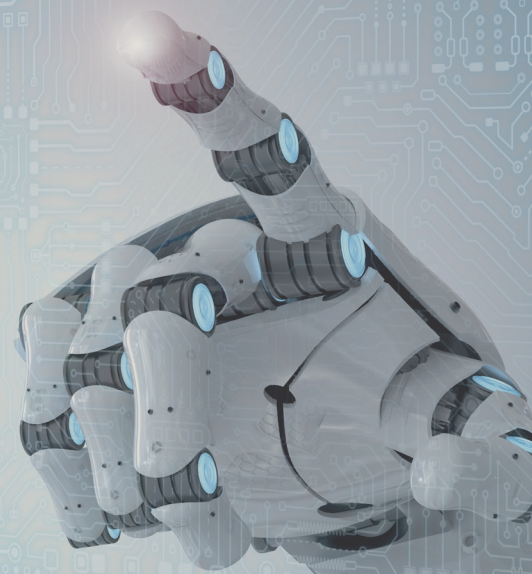


# Stanisław Lem European Research Prize



## #LemPrize

## Idea

Lem Prize has been established to commemorate the 100th birthday of the great Polish visionary and science fiction novelist, Stanisław Lem, awarded doctorate *honoris causa* of Wrocław Tech in 1981.

The essential elements of Lem's literary legacy: people, science, technology, progress, and future – are also the core elements defining the mission and aspirations of Wrocław Tech.

Lem Prize is awarded annually to one young researcher whose creative work in science or engineering has potential for positive impact on the future of civilization increasingly filled with technology.

## Candidates

Lem Prize is addressed to young scientists (i.e., under 40 years of age; e.g., in 2021 edition: born in 1981 or later), affiliated with an academic or research institution in Europe (EU member state or an associated country participating in Horizon Europe), regardless of nationality, country of origin, etc.

## Achievement

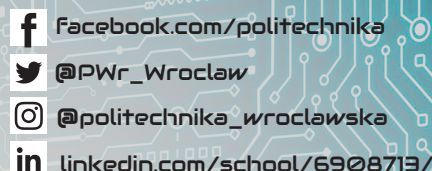
Lem Prize is awarded for a recent discovery or major achievement (made within last 3 years; e.g., in 2021 edition: documented in 2018 or later) in broadly understood fields of science & engineering, with strong elements of technology, interdisciplinarity, creativity, and vision.



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#LemPrize



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## Selection

The Lem Prize Committee consists of 12 members appointed from among the: *professores magni* and members of *Academia Iuvenum* of Wrocław Tech as well as distinguished scientists from abroad, including:

- Prof. Reimund Neugebauer (President of the Fraunhofer-Gesellschaft) – Committee Chairman;
- Prof. Marja Makarow (President of Academia Europaea; University of Helsinki);
- Prof. Gérard Albert Mourou (École Polytechnique, Palaiseau-Paris);
- Prof. Robert-Jan Smits (President of the Executive Board of the Eindhoven University of Technology);
- Prof. Maciej Lewenstein (The Institute of Photonic Sciences, Barcelona);
- Prof. Krzysztof Matyjaszewski (Carnegie Mellon University, Pittsburgh).

The applications are evaluated based on the following criteria: ● excellence of the conducted research and originality of the idea or method; ● immediate and long-term impact on the particular discipline or research field or beyond, benefits to the global society, and relevance to the major current civilizational challenges; ● scientific, technological, and interdisciplinary aspects of the research or discovery.

## Procedure

Applications (or nominations) including the description of discovery or achievement, up to 3 relevant publications, and 2 or 3 letters of recommendation (including at most one by a person affiliated in the same country) must be submitted electronically to the Science Office of Wrocław Tech by 15 October 2021. The winner will be announced on 15 November 2021 during the annual celebrations of Wrocław Tech anniversary.

## Reward

The winner receives a monetary reward of 100 000 PLN (or its equivalent in EUR), certificate, and invitation to the anniversary festivities on 15 November. The winner will also be invited to spend 1-2 weeks in Wrocław (all expenses covered by Wrocław Tech) to present the “Lem Lecture” to the open public as well as additional lectures to the fellow specialists and meet with Academia Iuvenum and student organizations at Wrocław Tech within the following year.



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