

Media Release

Eminent engineering scientists SATW welcomes 14 new members



Zurich, 5th March 2024. **This year, the Swiss Academy of Engineering Sciences SATW has added 14 new Full Members to its network. Each possesses an impressive track record in the engineering sciences.**

SATW is a network of key figures from science and industry. Individuals who make a special contribution to furthering SATW's goals and/or the engineering sciences can be elected Full Members. All members are elected in a secret ballot of eligible voters in a procedure directed by the Nomination Committee.

14 new Full Members were elected in 2024, as a result of which SATW now has a total of 375 Full and 9 Honorary Members. The new members' election will be marked at the General Meeting on 13 May by a certificate presentation ceremony.

Full Members

Prof. Jürgen Brugger has been appointed a Full Member of SATW in recognition of his contributions to the integration of new materials in micro- and nanotechnologies and for innovations in teaching for the next generations of microsystems engineers.

Prof. Anna Fontcuberta i Morral has been appointed a Full Member of SATW in recognition of her outstanding and significant contribution to the development of materials that facilitate technological breakthroughs by exploiting nanometre-scale phenomena.

Dr. Martin Forrer has been appointed a Full Member of SATW in recognition of his exceptional achievements in the industrial development of photonics applications and for his social engagement in photonics.

Prof. Marco Hutter has been appointed a Full Member of SATW in recognition of his exceptional research results in the field of autonomous

walking robots and his outstanding commitment as a co-founder of various robotics start-ups.

Prof. Agathe Koller has been appointed a Full Member of SATW in recognition of her outstanding contributions to research, teaching and knowledge transfer in laboratory automation, robotics and medical technology, all fields that are important for Swiss industry.

Prof. Annalisa Manera has been appointed a Full Member of SATW in recognition of her research into nuclear reactor safety and her knowledgeable public contributions to explaining complex interrelated issues associated with nuclear energy.

Prof. Ueli Maurer has been appointed a Full Member of SATW in recognition of his fundamental contributions to cryptography and information security.

Thomas C. Nordmann has been appointed a Full Member of SATW in recognition of his outstanding dedication as an entrepreneur and pioneer of the successful implementation and promotion of solar thermal and photovoltaic solar energy in Switzerland.

Dr. Alain-Serge Porret has been appointed a Full Member of SATW in recognition of his exceptional contribution to microelectronics and his contributions to the launch of numerous world technology firsts that have had a major economic impact.

Dr. Marie-Christine Sawley has been appointed a Full Member of SATW in recognition of her pioneering work as a scientist and engineer in the introduction and use of supercomputers in Switzerland and abroad.

Markus Simmen has been appointed a Full Member of SATW in recognition of his many years of dedication to the continuous development of a Swiss SME into an important medical technology company, to the promotion of innovation, new technologies and dialogue with universities of applied sciences, including in support of the promotion of young engineers.

Prof. Francesco Stellacci has been appointed a Full Member of SATW in recognition of his exceptional, visionary contributions to materials science and nanoscience and his groundbreaking approaches to the development of broad-spectrum virucides.

Prof. Christoph Stettler has been appointed a Full Member of SATW in recognition of his outstanding achievements in the development and clinical translation of innovative technical solutions with a holistic approach to diabetes treatment support.

Prof. Anna Valente has been appointed a Full Member of SATW in recognition of her achievements on behalf of Switzerland as a centre of academic and business activity by linking innovative research approaches with industrial- and manufacturing-technology applications.

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SATW – technology for society

The Swiss Academy of Engineering Sciences SATW is the most important network of experts for engineering sciences in Switzerland and is in contact with the highest Swiss bodies for science, politics and industry. The network comprises elected individual members, member organisations and experts. SATW identifies industrially relevant technological developments on behalf of the Swiss Confederation and informs the government and public about their significance and consequences. As a unique expert organisation with high credibility, it conveys independent and objective information on technology as the basis for establishing informed opinions. SATW also promotes interest in and understanding of technology among the general population and particularly among young people. It is politically independent and non-commercial. **www.satw.ch**