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## Welcome Message from the General Chairs

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On behalf of the Organizing Committee, we wish to welcome you to the *Special Issue of the 2022 IEEE Global Fluid Power Society PhD Symposium (GFPS2022)*. The Symposium is a bi-annual event organized by Global Fluid Power Society (GFPS) to showcase and brainstorm on research carried out by junior investigators in the field of fluid power. GFPS Society was created in 2016 to merge two long-lasting fluid power organizations: Fluid Power Net International (FPNI) and Network of Fluid Power Centres in Europe (FPCE). GFPS inherits the spirit of both FPNI and FPCE and currently represents the world's largest scientific network of fluid power institutions.

Since its first edition, the *GFPS PhD Symposium* represents an international meeting place in the world of research in the field of Fluid Power involving national and international institutions, academia, and companies in a discussion on the most recent results of scientific and technological research for the fluid power industry, with particular emphasis to applications and new trends. Attention is paid to, but not limited to, new technology in the fluid power, power transmissions and motion control fields.

The first edition of the *GFPS PhD Symposium* was hosted by the University of Samara, Russia, in 2018; then, after two years of emergency, the COVID-19 outbreak forced the edition 2020 expected in Guilin, China, and organized by the Harbin Institute of Technology di Harbin, to be held online. 2022 finally starts with a coming back to normality!

In 2022, our expectation of hosting you all in Italy and its world-famous Naples has been realized! The program is arranged to offer the possibility of visiting Naples before, during and after the Symposium!

The University of Naples and the University of Sannio coordinate the organization.

*GFPS2022* Program was highly varied, including plenary sessions, regular technical sessions with 61 oral presentations, two industry panel sessions

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and special events devoted to students and young professionals, professors and industries scheduled over three days. Technically extended versions of the best-presented papers have been selected for this Special Issue of the *International Journal of Fluid Power*.

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**GFPS 2022 General Chairs**