GPPS Global Power & Propulsion | FORUM 2022 ZURICH SWITZERLAND

12th - 13th January

GPPS Industry Forum22
Challenges and Opportunities in a Changing World

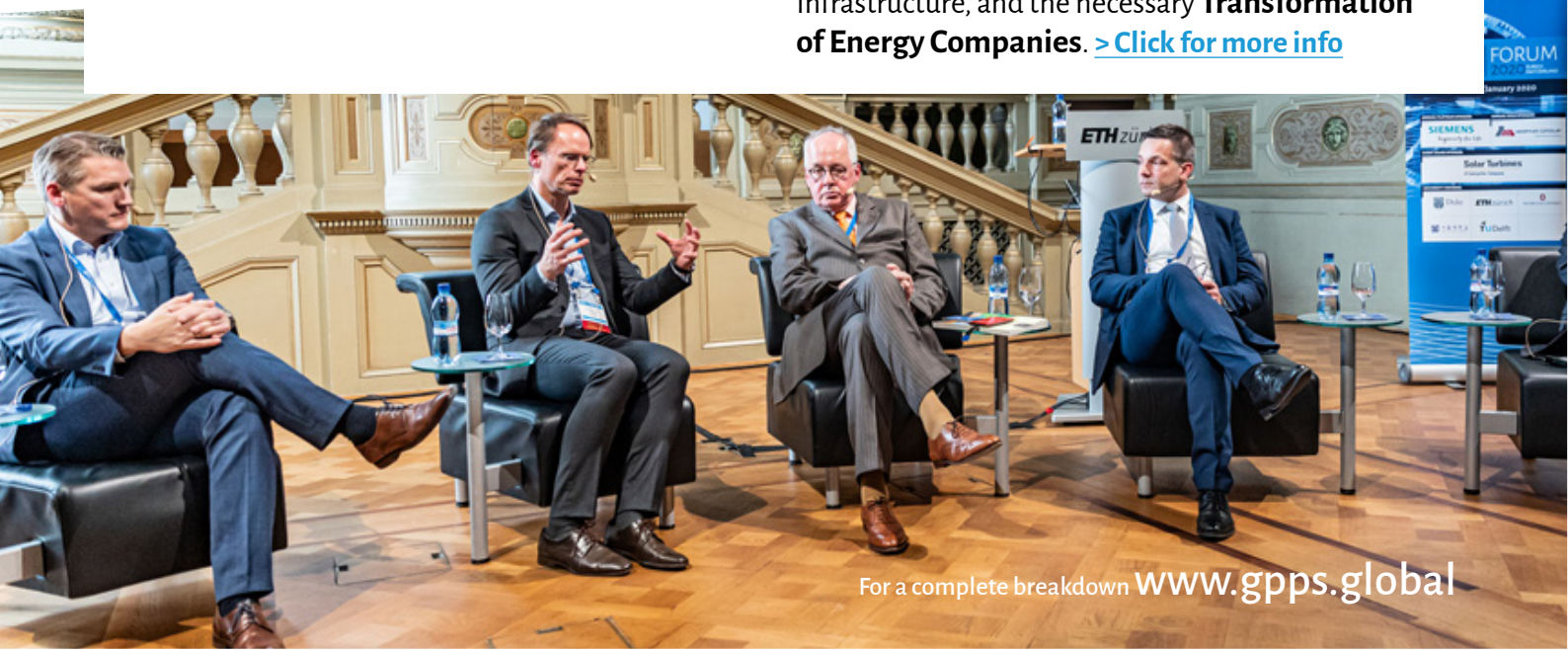
The GPPS Forum22 will take place on the 12th and 13th January 2022 in Zurich. We will have one day dedicated to Aviation & Aerospace and one specifically for the Energy Systems that run the world. The event will take place in-person and in accordance with our COVID-19 safety protocol.

DAY ONE: AVIATION

The first day of the GPPS Forum22 will be dedicated to a discussion of the major challenges facing the airline industry. It will be focused on the **Impact of Commercial Aviation on the Environment**. > Click for more info

DAY TWO: ENERGY SYSTEMS

The second day of the GPPS Forum22 will be dedicated to three sequential Energy Systems topics. It will explore the **Energy Supply and Demand**, given the variability and flexibility of Future Systems, the **Environmental Impact** of the Future Power Infrastructure, and the necessary **Transformation of Energy Companies**. > Click for more info



For a complete breakdown www.gpps.global

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GPPS Forum22 Program

Wednesday 12th January 2022 | Aviation Day

08:00 - 18:00	Registration
08:00 - 09:30	**Morning Coffee / VIP Reception**
09:30 - 09:45	**Opening Ceremony GPPS Forum22:** Welcome Speech by Reza Abhari (Chairman GPPS Executive Committee, ETH Zurich) GPPS Early Career Award, Innovation Award, Life Time Achievement Award and Service Award by Stefan Florjancic (Chairman GPPS Award Committee, Consenec, former Ansaldo Energia)
09:45- 10:15	**Keynote 1:** Aviation and the environment: *The entire life cycle matters* Speaker: Rolf Henke (DRL)
10:15 - 11:45	**Panel 1:** Impact of Commercial Aviation on the Environment: *Advancement in Propulsion Technologies* Panelists: Luca Bedon (Avio Aero), Jerome Bonini (Safran Aircraft Engines), Paweł Stężycki (Institute of Aviation), Paul Stein (Rolls Royce), Rolf Henke (DRL) Chair: Reza Abhari (ETH Zurich)
11:45 - 12:15	**Coffee Break**
12:15 - 12:45	**Keynote 2:** Collaboration to Address the Threat to Aviation from COVID Speaker: Dan Freeman (Boeing Commercial Airplanes)
12:45 - 13:15	**Keynote 3:** Airplane profiles for future energies Speaker: Pierre Vellay
13:15 - 14:30	**Conference Lunch / VIP Lunch**
14:30 - 15:00	**Keynote 4:** Pioneering sustainable aviation - challenges and opportunities Speaker: Frank Haselbach (Airbus)
15:00 - 16:30	**Panel 2:** Impact of Commercial Aviation on the Environment: *Airframes and System Technologies* Panelists: Steve Clark (Boeing Commercial Airplanes), Michel Wachenheim (Air and Space Academy), Nico Buchholz, Frank Hasselbach (Airbus), Pierre Vellay Chair: TBC
16:30- 17:00	**Coffee Break**
17:00 - 18:30	**Panel 3:** Hybrid Electric Aircraft Panelists: Antonello Marino (European Commission), Aniello Cozzolino or Diego Giuseppe Romano (Piaggio Aero Industries SpA), David Eržen (Pipistrel Vertical Solutions), Hany Moustapha (École de technologie supérieure), Qinyin Zhang (Rolls Royce Deutschland) or Fabrizio Nicolosi (University of Naples) Chair: Anestis I. Kalfas (Aristotle University of Thessaloniki)
19:15 - 23:30	**Gala Dinner**

Thursday 13th January 2022 | Energy Systems Day

08:00 - 18:00	Registration
08:45- 08:50	**Opening Statement and Logistics for Energy Day, Bernhard Winkelmann**
08:50 - 09:20	**Keynote 5:** Solutions to the Residual Load Challenge of Energy Transition Speaker: Franz Trieb (DRL)
09:20 - 10:50	**Panel 4:** Energy Supply and Demand Panelists: Benjamin Bollinger (Malta Inc.), Rich Dennis (U.S. DOE), Rainer Kurz (Solar Turbines), Doug Hofer (Heliogen), Bill Conlon (Pintail Power), Franz Trieb (DRL), Philipp Jenny, MAN Energy Solutions Schweiz AG Chairs: Tim Allison (SWRI), Michael Geyer (Malta Inc.)
10:50 - 11:00	**Presentation:** Greg Gammon (Turbo Lab, TAMU)
11:00 - 11:30	**Coffee Break**
11:30- 12:00	**Keynote 6:** Pathways to net-zero Speaker: Christer Bjoerkqvist (European Turbine Network)
12:00- 13:30	**Panel 5:** Environmental Impact of the Future Power Infrastructure Panelists: Rienk Zwerver (Gasunie Carbon Sequestration), Michel Kneller (ILF), Mark Vignal (Solar Turbines), Francis Bainier (GRT Gaz) Chair: Rainer Kurz (Solar Turbines)
13:30- 15:00	**Conference Lunch**
15:00- 15:30	**Keynote 7:** Moving Advanced Energy Systems and Hydrogen Transport into the Market Speaker: Karl Wygang (Hanwha)
15:30- 16:00	**Keynote 8:** An investor's view on the energy transition Speaker: Chris Manser (Swiss Life)
16:00 - 16:30	**Coffee Break**
16:30 - 18:00	**Panel 6:** Transformation of Energy Companies Panelists: Chris Manser (Swiss Life), Matt Blieske (Lifte H2), Sebastian Freund (Nikola), Toshinori Sekido (IHI) Chairs: Klaus Brun (Elliott Group)
18:00 - 18:15	**Closing Ceremony**
18:15 - 19:30	**Farewell Apero**