

Candidate for Election to SHE Board of Directors, November 2018

Category: Service Providers



Dr. Harald Drück

Date of birth: February 1st, 1966

Nationality: German

Current positions:

- Coordinator Research and Head Working Group “Smart city concepts and building automation”, Institute for Building Energetics, Thermotechnology and Energy Storage (IGTE), (former ITW), University of Stuttgart
- Head of “Research and Testing Centre for Solar Thermal Systems (TZS)”
- Director of Solar- und Wärmetechnik Stuttgart (SWT)
- Adjunct Professor Rajagiri School of Engineering & Technology (RSET), Rajagiri, Kochi, India

Professional career and background

Dr.-Ing. Harald Drück is a Mechanical Engineer who has been working at the Institute for Thermodynamics and Thermal Engineering (ITW), renamed in 2018 in IGTE, University of Stuttgart, for more than 25 years. Since 1999 he is the head of the Research and Testing Centre for Solar Thermal Systems (TZS). His main research interests lie in the field of solar thermal technology focusing on advanced heating and cooling systems as well as thermal energy storage and the development of performance testing methods as well as energy efficient solar buildings and smart cities. Harald Drück has authored or co-authored more than 330 publications in the field of solar thermal energy, heat storage and energy efficient buildings and districts. He is convenor of several German and European working groups related to standardisation and testing of solar thermal systems and components such as the Global Solar Certification Network, the German standardisation committee for solar thermal products and the Solar Certification Fund.

With regard to education and knowledge transfer he globally acts as an advisor to several high-level organisations, is chairman or member of the scientific board of several conferences and workshops and teaches a highly successful post-graduate course on solar thermal energy at the University of Stuttgart. Furthermore he was one of the initiators of the German and European Solar Thermal Technology Platforms and is today a member of the steering committees of both platforms.

Besides his activities at the University he is the director of SWT – Solar- und Wärmetechnik Stuttgart. SWT is a spin-off company of ITW and acts as a service provider in the field of solar thermal energy, e.g. by manufacturing test facilities for solar thermal collectors and systems as well as by consulting activities.

Key qualifications and contributions to SHE

- Long term experience in the field of solar thermal technology
- Solid scientific as well as technical and commercial background as basis for the link between industry and science
- Active member of several working parties and committees such as IEA Tasks (54, 55, 57), CEN TC 312, European (ESTTP) and German (DSTTP) Technology Platform Steering Committee, Chairman of the Global Solar Certification Network and the Solar Certification Fund; Honorary chairman of Solar Keymark Network
- Global contacts to stakeholders (researchers, manufacturers, politicians etc.)
- Multicultural and open-minded
- Board Member of SHE (former ESTIF) since 2009