Trends and EIE higher education response to the current global technical challenges

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The European Association for Education in Electrical and Information Engineering (EAEEIE) has been for 20 years and still is dedicated to supporting Electrical and Information Engineering (EIE) across Europe. Its new Strategic Alignment of Electrical and Information Engineering in European Higher Education Institutions (SALEIE), an EU supported project, gathers together a global team aiming to provide higher education models in the EIE disciplines that can respond to the key global technical challenges. This paper deals with findings within the SALEIE project's work package WP3 (Global Challenges), namely: state-of-the-art in implementation of the Bologna recommendation for Bachelor and Master, technical challenges that the EIE higher education faces nowadays, and existing models in EIE higher education and their degree of response to key global technical challenges.

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