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## The 2<sup>nd</sup> International Annual Meeting on STEM education (IAMSTEM 2019)

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## The 2<sup>nd</sup> International Annual Meeting on STEM education (IAMSTEM 2019)

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Since, the 1<sup>st</sup> International Annual Meeting on STEM education (IAMSTEM) 2018 was organized based on seed funding of Thailand Ministry of Education and Khon Kaen University with aiming to bring STEM education researchers and teachers together for building up STEM education community. The ASEAN Research Network for STEM education (ARN-STEM) was formed in 2018 when the group of STEM education researchers in Southeast Asia jointly organized the IAMSTEM 2018. The primary objective was to encourage the creation of links, and the exchange of ideas and information among the academic community, private-sector firms and organizations, and government policy makers, leading to a better understanding on STEM education related policy and innovations in the ASEAN region.

In 2019, our group is growing up. The 2<sup>nd</sup> International Annual Meeting on STEM education (IAMSTEM 2019) was held in 27-29 September 2019 at Thai Nguyen University of Education, Thai Nguyen, Vietnam. It gives us great pleasure to announce that the 2<sup>nd</sup> IAMSTEM 2019 was a resounding success, with over 250 participants from throughout Vietnam and from other countries. On behalf of the organizers, ASEAN Research Network for STEM education (ARN-STEM), ASEAN Comparative Educational Research Network (ACER-N), Science Education Association of Thailand (SEAT), Thailand Office of Basic Education Commission (OBEC); Khon Kaen University, Rajabhat Yala University, Thailand; Universiti Kebangsaan Malaysia, Sekolah Tinggi Agama Islam Negeri (STAIN) Sorong, State University of Malang, Indonesia; Mindanao State University–Iligan Institute of Technology, the Philippines as well as other corporate sponsors whose generous contributions made this a successful meeting. IAMSTEM 2019 provided a unique opportunity for experts, academics, and educators to exchange knowledge and build friendships. The meeting consisted of four keynote speakers, and a number of contributed oral and poster presentations. Resulting from the success of IAMSTEM 2019 are qualified full research articles from the presentations, which have been reviewed and compiled in this IOP Journal of Physics: Conference Series. It is our sincere hope that these proceedings will contribute to advancing our understanding of STEM education and applications and serve as initiators for even greater achievements in the field.





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- Assoc. Prof James Lovatt, DCU Institute of Education, Ireland
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