

ChallengeEU Match Making Research Workshop

We welcome you all to this first online match making research workshop on April 13, from 14:00 to 16:00 CET

Mid Sweden University warmly invites researchers from institutions within ChallengeEU to participate in the first Matchmaking Research Workshop. This online workshop marks the starting point for building new collaborative ties across the ChallengeEU alliance. Although ChallengeEU primarily provides funding for educational activities, the event also provides an opportunity to explore potential research collaborations, joint project ideas, and future mobility or exchange initiatives.

The workshop will begin with an introduction to its aims: to bring together researchers from different universities, identify common interests, and initiate partnerships that may lead to research proposals, comparative studies, and short- and long-term cooperation. Following the introduction, participants will join four thematic breakout groups to discuss strengths, challenges, and possibilities for joint activities. The themes will be introduced and chaired by researchers from Mid Sweden University. Descriptions of the four thematic sessions included in this first workshop can be found below.

We hope that this event will be the beginning of a series of workshops and that it will inspire other institutions within the alliance to organise additional matchmaking events, further strengthening collaboration across ChallengeEU.

Warm welcome!



Anders Fällström
Rector



Anna Olofsson
Prorector

Theme 1 IoT, AI, and Electrification

Organisers [Mattias O'Nils](#) and [Sebastian Bader](#)

Digitalisation and electrification are transforming the way we generate energy, transport people and goods, operate industries, and organise everyday life. Internet of Things (IoT), Artificial Intelligence (AI), and electrification are key enabling technologies for a sustainable future, resilient infrastructures, and efficient, inclusive societies. This session welcomes partners interested in research and educational collaboration related to IoT, AI, and electrification, as well as adjacent technological fields. The aim is to exchange knowledge about current strengths, explore shared societal challenges and opportunities, and identify concrete ideas for joint activities such as research projects, shared courses, student collaboration, and innovation initiatives within ChallengeEU.

Theme 2 Metal Additive Manufacturing – From Materials and Processes to Industrial Use

Organiser [Lars-Erik Rännar](#)

Metal Additive Manufacturing (AM) spans the full chain from materials development and manufacturing processes to digital tools, component performance, and industrial implementation. This thematic group brings together researchers working on complementary aspects such as materials and feedstock, process and method development, digitalisation and modelling, design and validation, and cost and sustainability perspectives. The workshop aims to create a matchmaking environment where participants present their research, gain insight into each other's expertise, and identify potential areas for collaboration within the ChallengeEU alliance, including education.

Theme 3 Anxiety, Depression, Stress and Trauma

Organisers [Monique Pfaltz](#) and [Fredrik Åhs](#)

This theme focuses on the study of stress, anxiety, and depression within the health sciences. It includes acute and chronic stress across the life span and in different population groups, as well as biological determinants and comorbidities. The workshop aims to identify shared research interests, methodological approaches, and opportunities for collaboration within ChallengeEU, including joint external funding applications. The theme accommodates both basic and applied research and can be linked to professional education contexts. The workshop is aimed at researchers in psychology, health sciences, social work, and related disciplines.

Theme 4 Digital Health, Health Economic Evaluations & Policy Advocacy

Organisers [Koustuv Dalal](#), [Katja Gillander Gådin](#) and [Helene Dahlqvist](#)

This theme brings together research on digital health, mental health, and health economic evaluations with a focus on young people's wellbeing, gender-based violence, and digital innovations in healthcare. It addresses how digital environments influence experiences of safety, victimisation and mental health, and explores preventive strategies and coordinated responses across European contexts. It also includes research on digital health technologies, AI-based tools, and frameworks for evaluating health innovations from clinical, economic, and policy perspectives. The workshop invites researchers interested in comparative studies, shared methodologies, intervention development, and health economic evaluations to identify opportunities for collaboration within ChallengeEU, including education.