



1st Edition Conference Series on Additive Manufacturing of Soft Materials



Join us in this five days conference with international speakers addressing the latest progresses on 3D Additive Manufacturing and its main impacts

Urr. 06 - Urr. 10 2025

Kod. 002-25

Mod.:

Aurrez aurrekoa

Edizioa

2025

Jarduera mota

Workshop

Data

Urr. 06 - Urr. 10 2025

Kokalekua

Miramar Jauregia

Hizkuntzak

Ingelesa Gaztelera

Balio akademikoa

50 ordu

Webgunea

<https://3dam-conference.com/>

Antolakuntza Batzordea

Fundación
BBVA



Azalpena

This conference focusing on Additive Manufacturing (AM) of soft materials will assemble **diverse communities of researchers from both academia and industry**. It plans to cover a broad scope of angles from new printing technologies and the integration of digital design, to multiscale simulations, artificial intelligence and machine learning, multimodality manufacturing methods, material synthesis, multi-material printing, composite manufacturing, and performance engineering materials. AM invites a diverse cadre of researchers, from sustainability scientists and manufacturing engineers to entrepreneurs, as well as drawing on a wide range of materials expertise—from thermosets, vitrimers, and thermoplastics to hydrogels, organogels, and composites— for various AM technologies.

While (AM) is advancing rapidly, the next generation of technologies geared toward soft materials demand the integration of different modalities including rheology, photopolymerization, material science, sustainability and beyond. This will advance the field of AM technologies to fully exploit their potential in fields such as aerospace, transportation, medicine, membrane technology or energy generation and storage. As AM technologies are set to play a crucial role in the advancement of modern manufacturing, it is also increasingly pertinent to consider environmental impacts during the development of smart sustainable materials of the future.

The conference is five days long and will be held in beautiful **San Sebastian**, Spain, **from the 6th to the 10th of October 2025**. In addition to premier talks and oral contributions, the conference has designated time for poster sessions from individuals of all career stages, and a one day **Symposium for Young Researchers (6th of October 2025)** to facilitate the collaboration between a new generation of scientists working in AM technologies.

Helburuak

Focus on **the aspects of additive manufacturing/3D printing which are operating a paradigm shift in production**: reduce centralized inventory and production; producing parts with specific properties and personalized functionalities; minimizing waste generation and enabling multi-material combinations.

Build a discussion on the environmental impacts of new technologies during the development of smart sustainable materials of the future.

Assemble diverse communities of researchers from both academia and industry and create a wider dialogue.

Involve a diverse cadre of researchers in terms of fields (sustainability scientists, manufacturing engineers, entrepreneurs) **and career stage**.

Involve a young audience and speakers for the first day symposium, dedicated only to young researchers to facilitate the **collaboration with a new generation of scientists** working in AM technologies.

Provide a **safe environment for sharing research** and ideas through premier talks, poster sessions, social activities and common meals.

Antolakuntza

POLYMAT



emán ta zabal zazu
Universidad del País Vasco Euskal Herriko Unibertsitatea



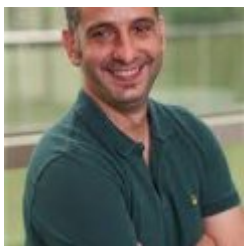
UNIVERSITÄT
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SEIT 1386

ASU Arizona State University



UDA IKASTAROAK
CURSOS DE VERANO
SUMMER COURSES

Zuzendaritza



Haritz Sardon Muguruza

UPV/EHU

Haritz Sardon Euskal Herriko Unibertsitateko irakasle elkartua da 2022tik. Euskal Herriko Unibertsitatean egin zituen ikasketak, merituz Hedrick dotorearen taldean sartu aurretik, IBM -- Almaden Research Center postdoct gisa 2012an, Han bi urte egin ondotik, Euskal Herrira itzuli zen, Espainiako Ministerioaren beka batekin, POLYMATera batu zen, taldeko buru izanik. Haritz Sardonek 135 argitalpen baino gehiagotan parte hartu du, horietatik 70 baino gehiagotan egile gisa. Bere lanaren eragina neurtzeko, 1.300 aipamen egin dira 2021ean. Hainbat sari jaso ditu, tartean, Espainiako Errege Elkarrekin ematen duen ikertzaile gazteen bikaintasunaren Kimikako Saria (2021), American Chemical Societyren Makromolekulen alorreko gazte ikertzaileen saria (2021), edota Grupo Español de Polímerosek emandako Polimeroen ikertzaile gazteen bikaintasun saria (2020). Bere ikerketaren helburu nagusia da polimerizazio-prozesu jasangarriak erabiliz material polimeriko funtzional berriak prestatzea. Zehazki, haren ikerketek polimerizazio-prozesu berdeak erabiltzea eskatzen du, birziklatutako plastikotik eratorritako monomeroak kasu, energia berriztagarrien erreaktiboak edota arrisku gutxiagoko organokatalizatzaileen iturrien erabilera.

Kokalekua

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Gipuzkoa