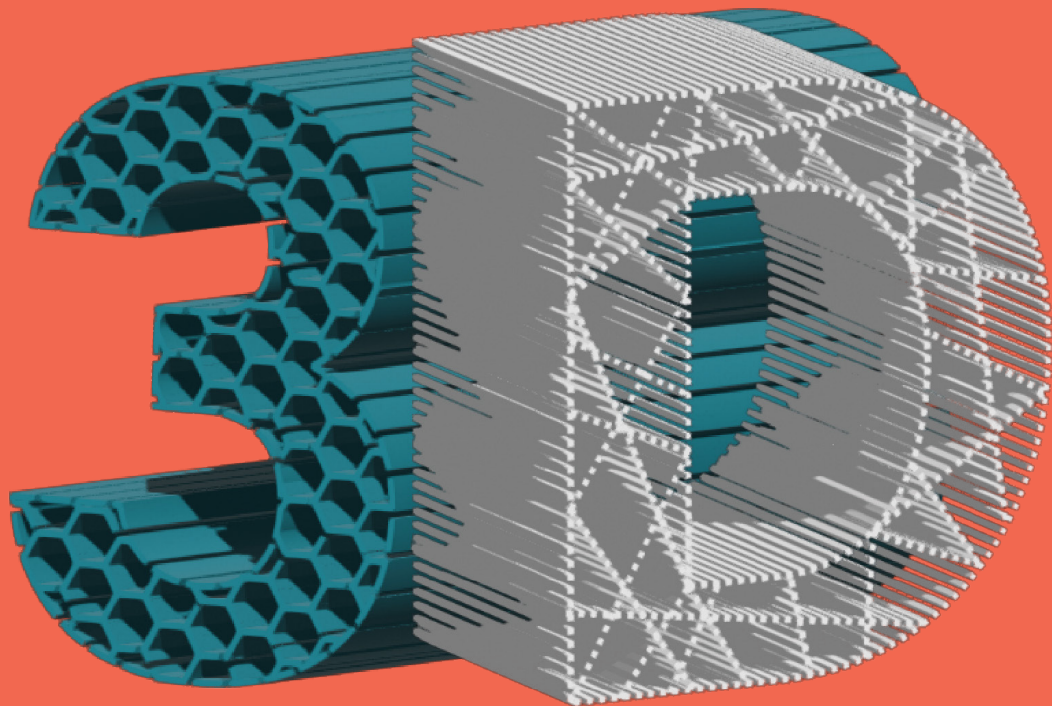




ADDITIVE MANUFACTURING Conference 2025

1ST EDITION

Conference Series on Additive Manufacturing of Soft Materials

7-10 October 2025 / San Sebastián, Spain



Universidad
del País Vasco

Euskal Herriko
Unibertsitatea

POLYMAT

ASU Arizona State
University



UNIVERSITÄT
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SEIT 1386

ORGANIZING



GOLDEN



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08:30
/09:15

Registration
Centro Carlos Santamaria - Main Hall

09:15
/09:25

Introduction
Auditorium

Timothy Long / Arizona State University

Xabi Lopez de Pariza / University of the Basque Country

09:25
/10:10

Plenary session
Timothy Long / Arizona State University

Focusing a Sustainability Lens on Additive Manufacturing: Asking More from Science and Engineering

Young Researchers Symposium

Auditorium

Chair: Xabi Lopez de Pariza / University of the Basque Country

10:15
/11:35

Teresa Carranza
/ University of the Basque Country (UPV/EHU)
Gallic Acid as a Green Crosslinker for Gelatin 3d Printed Scaffolds

10:35
/10:55

Chengzhi Li
/ Albert-Ludwigs-Universität Freiburg
3d Printed Elastic Fluoropolymer with High Stretchability and Enhanced Chemical Resistance for Microfluidic Applications

10:55
/11:15

Johannes Markhart
/ Heidelberg University
New Programmable Polymers for Light-Based 4D Printing

11:15
/11:45

Coffee Break
Sala Txillardegui

11:45
/12:05

Anthony Kever
/ University of Mons (UMONS)
3D-Printed Drug-Eluting Implants for the Treatment of Periodontitis

12:05
/12:25

Ander Leiza Balda
/ University of the Basque Country (UPV/EHU)
Standardizing Light: A Modular Photoreactor for Controlled, Reproducible and High-Throughput Photochemical Reactions

12:25
/12:45

Gabriel Größbacher
/ University Medical Center Utrecht
Near Infrared Tomography for Density Based Adaptive Context-Aware Volumetric Printing

12:45
/13:05

Sebastián Locatelli
/ Consejo Nacional de Investigaciones Científicas y Técnicas-CONICET-Argentina
3D-Printable Biobased Eutectogels Derived from Soybean Oil and Natural Deep Eutectic Solvents for Underwater Electromyography Recording

13:05
/14:30

Lunch Break
Gureak Cafeteria

Young Researchers Symposium

Auditorium
Chair: **Samantha Catt** / University of Heidelberg

14:30
/15:00

Keynote
TO BE ANNOUNCED
/ Wiley - Global Leader in Publishing, Education and Research
To be announced

15:00
/15:20

Elizabeth Recker
/ University of Texas at Austin
Wavelength-Selective One-Pot Multimaterial DLP 3D Printing

15:20
/15:40

Marina León-Calero
/ CSIC-ICTP (polymers institute)
Conductive Tps for Pellet-Based 3d Printing: Processing, Characterization and Sensor Application

15:40
/16:10

Coffee Break
Sala Txillardegui

16:10
/16:30

Ana María Muñoz Mateo
/ Polymat
Development of GelMa-based bioink for bacterial detection

16:30
/16:50

Magdalena Jankowska
/ Cracow University of Technology
Light-Driven Precision: Novel Photoinitiators Enabling High-Resolution 3d Printing of Zirconia Scaffolds for Bone Tissue Engineering

16:50
/17:10

Yiming Ji
/ EPFL
Volumetric Additive Manufacturing of Composites via Hydrogel Infusion

17:10
/17:25

Conclusion Remarks
Auditorium

Timothy Long / Arizona State University
Xabi Lopez de Pariza / University of the Basque Country

19:00

Young Social Beer
Bidassoa Tap Room

Bidassoa Basque Brewery / Usandizaga Kalea, 23, 20002 Donostia

One free drink will be offered to each participant

08:15
/09:30

Registration
Palacio Miramar - Main Hall

09:00
/09:15

Introduction
Sala Julio Carlo Baroja

Haritz Sardon / University of the Basque Country

Timothy Long / Arizona State University

Eva Blasco / University of Heidelberg

09:15
/10:00

Plenary session
Sandra Van Vlierberghe / Ghent University

Sala Julio Carlo Baroja

Chair: **Haritz Sardon** / University of the Basque Country

Light-Based 3d Printing of Tunable Thiol-Ene Polymers: From Submicron Precision to Rapid Fabrication of Biodegradable Implant

Session 1
Sala Julio Carlo Baroja

Chair: **Qin Xiao-Hua** / ETH Zurich

10:05
/10:35

Keynote
Dorleta Jimenez de Aberasturi
/ CIC biomaGUNE

Biofunctional Resins for 4d Printing and Their Application in Vitro Model Design

10:35
/10:50

Disha Bandyopadhyay
/ EPFL

Self-Healing Polymers for Reconfigurable Architected Materials

10:50
/11:20

Coffee Break
Salón de Música & Salón Blanco

11:20
/11:50

Keynote
Riccardo Levato
/ Utrecht University

Light-based Volumetric Bioprinting and Imaging-Driven Manufacturing: Shining a New Light on Engineered Tissues and Organoids

11:50
/12:05

Johanna Vetter
/ Technical University of Darmstadt
Hybrid Multiscale 3D-Printing of Organs-on-a-Chip with Biosynthetic Vessels for Improved Nutrient Supply

10:05
/10:35

Keynote
Katrien Bernaerts
/ Maastricht University

Biobased Photopolymer Resin for 3d Printing Containing Dynamic Imine Bonds for Fast Reprocessability

10:35
/10:50

Margherita Bernero
/ ETH Zurich

Subtractive Two-photon Microprinting of Architected Hydrogels to Guide Cell Network Formation

11:20
/11:50

Keynote
Cyrille Boyer
/ UNSW

Engineering Nanostructured Materials via 3D Printing with Fully Recyclable Resins

11:50
/12:05

Cristian Mendes-Felipe
/ BCMaterials - Basque Center for Materials, Applications and Nanostructures
Sustainable Photoluminescent Materials based on Soybean Oil-Photocurable Inks for Digital Light Processing

15:05 /12:20 **Bo Van Durme**
/ Ghent University
Advanced Fabrication of Thermo-Responsive Scaffolds for Tissue Engineering: Tailored Resin Development and 4D Microprinting

15:05 /12:20 **Fernando Vidal Peña**
/ University of the Basque Country
Advanced strategies for recycling of functional 3D printing materials

12:20 /12:45 **Invited Matthew Becker**
/ Duke University
Designing for Degradation: the Next Frontier of 3D Printing Resorbable Medical Devices

12:20 /12:45 **Invited Marco Sangermano**
/ Politecnico di Torino
Biobased Sustainable 3D-Printable UV-Curable Formulations

12:45 /14:15 **Lunch Break**
Salón de Música & Salón Blanco

14:15 /15:00 **Plenary session**
Martin Wegener / Karlsruhe Institute of Technology (KIT)

Sala Julio Carlo Baroja
Chair: **Eva Blasco** / Arizona University
3D Laser Nanoprinting

Session 3
Sala Julio Carlo Baroja
Chair: **Riccardo Levato** / Utrecht University

Session 4
Comedor Real
Chair: **Katrien Bernaerts** / Maastricht University

15:05 /15:35 **Keynote Qin Xiao-Hua**
/ ETH Zurich
3D Printed Bone Architectures for Medicine

15:05 /15:35 **Keynote Zachariah Page**
The University of Texas at Austin
Color- and Dose-Controlled Multimaterial Digital Light Processing 3D Printing

15:35 /15:50 **Ane Urigoitia-Asua**
/ CIC BiomaGUNE
Engineering dynamic lung models: 4D LCD printing of thermoresponsive alveolar scaffolds

15:35 /15:50 **Pia Klee**
/ Heidelberg University
Tuneable Depolymerisation of Light-Based 3D Printed Structures on the Macro- and Micro-Scale

15:50 /16:05 **Viola Sgarminato**
/ EPFL Lausanne
Volumetric Additive Manufacturing of Complex Constructs For In Vitro Modeling

15:50 /16:05 **Markus Lunzer**
/ UpNano GmbH
Adaptive Resolution two-photon polymerization as mastering tool for nanoimprint lithography for the fabrication of large-area microfluidic devices

16:05 /16:35 **Coffee Break**
Salón de Música & Salón Blanco

Session 5
Sala Julio Carlo BarojaChair: **Dorleta Jimenez de Aberasturi** /
CIC BiomaGUNE16:35
/17:05**Keynote**
Emily Pentzer
/ Texas A&M University*Additive Manufacturing with Triblock
Polycarbonates*17:05
/17:20**Riccardo Rizzo**
/ EPFL Lausanne*Tomographic Bioprinting: A Universal
Approach for Biomimetic Organs-On-Chip*17:20
/17:35**Astrid Quaak**
/ Ghent University*From Light to Life: Rapid Volumetric 3D-Printing
and Real-Time Tracking of Biodegradable
Scaffolds.*17:35
/17:50**Mathias Fleisch**
/ Polymer Competence Center Leoben*G-Code2STEP-Converter for accurate
representation of geometries created by
material extrusion*18:00
/19:30**Welcome Cocktail and Poster Exhibition**
Salón de Música & Salón Blanco**Session 6**
Comedor RealChair: **Zachariah Page** / University of
Texas at Austin16:35
/17:05**Keynote**
Joanna Ortyl
/ Cracow University of Technology*Water-Soluble Radical Photoinitiators for
Microfabricated of 3d Printed Objects*17:05
/17:20**Omaira Arias**
/ BCMaterials - Basque Centre for Materials,
Applications and Nanostructures*Design and Fabrication of Bio-based Materials
for Shape Memory 3D Printing*17:20
/17:35**Hojae Lee**
/ Korea Institute of Civil Engineering and
Building Technology*Rheological properties of a filament using
recycled construction demolition waste*17:35
/17:50**Audrey Laventure**
/ University of Montreal*Exploring phase separation, alignment and
molecular organization in 3D printed polymer
blends and crosslinked networks*

08:30
/08:45

Registration
Palacio Miramar - Main Hall

08:45
/09:30

Plenary session
David Mecerreyes / Polymat, University of the Basque Country

Sala Julio Carlo Baroja
Chair: **Emily Davidson** / Princeton University
3D Printing of Ionic and Electronic Conductive Polymers

Session 7
Sala Julio Carlo Baroja

Chair: **Johanna Schwartz** / Lowrence Livermore National Laboratory

Session 8
Comedor Real

Chair: **Michael Bortner** / Virginia Tech

09:35
/10:00

Invited
Sandra Camarero-Espinosa
/ POLYMAT, University of the Basque Country UPV/EHU

Light-based Volumetric Bioprinting and Imaging-Driven Manufacturing: Shining a New Light on Engineered Tissues and Organoids

09:35
/10:00

Invited
Mark Dadmun
/ University of Tennessee

Tailor Made Polymeric Feedstocks for Powder Bed Fusion

10:00
/10:15

Robert Aguirresarobe
/ University of the Basque Country
Silica Aerogels by 3d Printing Vat Photopolymerization

10:00
/10:15

Alodi Pascal
/ Polymat
Influence of 3D printing on the electrical properties of conductive nanocomposites

10:15
/10:30

Robert Murphy
/ Royal College of Surgeons in Ireland
Selectively Degradable Polypeptide Hydrogel Based 3d Structures Using Proteolytic Enzymes

10:15
/10:30

Mercedes Fernandez
/ Polymat EHU/UPV
Rheological Insight on 3d Printable Dynamic Hydrogels

10:30
/10:55

Invited
Jacques, Lalevée
/ Université de Haute Alsace
New Photoinitiating Systems for High Performance Materials and 3D Printing

10:30
/10:55

Invited
Michael Bortner
/ Virginia Tech
Additive Manufacturing for Selective Environmental Remediation

10:55
/11:30

Coffee Break & Group Photo
Salón de Música & Salón Blanco, group photo outside

Session 9
Sala Julio Carlo Baroja

Chair: **Emily Pentzer** / Texas A&M University

Session 10
Comedor Real

Chair: **Mark Dadmun** / University of Tennessee

11:30
/12:00

Keynote
Christopher Williams
/ Virginia Tech
Printing Out of the Box: Making the Impossible by Multi-material, -Modal, -Axis Additive Manufacturing

11:30
/12:00

Keynote
Katharina Ehrmann
/ TU Wien
Expanding Material Frontiers in 3D Printing via Multi-Material Stereolithography

12:00 /12:15 **Filip Petko**
/ Cracow University of Technology
Stilbene-Based Iodonium Salts as One-Component Photoinitiators with Increased Quantum Yield of Acid Generation for Cationic VPP 3D Printing

12:15 /12:30 **Maialen Uribarrena Arrese-Igor**
/ EHU- Euskal Herriko Unibertsitatea
Biocompatible soy protein-based resins for high precision DLP 3D printing in tissue engineering

12:30 /12:55 Invited **Didier Gimes**
/ CNRS
Advances in Nitroxide Mediated Photopolymerization : Toward Living 3d Micro and Macro Surface Functionalization

12:55 /14:15

Lunch Break
Salón de Música & Salón Blanco

Session 11 Sala Julio Carlo Baroja

Chair: **Robert Aguirresarobe** /
University of the Basque Country

14:15 /14:45 **Keynote Lorenzo Moroni**
/ EPFL
(Micro)Structure Control in Architected Materials

14:45 /15:10 Invited **Antonio Dominguez-Alfaro**
/ Institut de Science des Matériaux de Mulhouse
Reconfigurable and programmable materials for light-induced 3D & 4D printing

15:10 /15:25 **Alper Balkan**
/ École Polytechnique Fédérale de Lausanne (EPFL)
Light-Assisted Fabrication of Reversible Composites

12:00 /12:15 **Zdenek, Veselý**
/ University of West Bohemia, Pilsen
IR thermodiagnosics of FLM process

12:15 /12:30 **Christine Jerome**
/ University of Liege
3D-printing of NIPU biomaterials

12:30 /12:55 Invited **Yinyin Bao**
/ University of Helsinki
Digital Light 3D Printing of Biodegradable Polymers

Session 12 - Industrial Comedor Real

Chair: **Timothy Long** / Arizona
University

14:15 /14:25 **Alejandro Müller**
/ University of the Basque Country
To be announced

14:25 /14:45 Invited **Ivan Sardon Barbero**
/ Indart3D
Pellet-Based Additive Manufacturing: Sustainability and Performance

14:45 /15:05 Invited **Jorge Madrid-Wolff**
/ Readily3D SA
Advanced Tomographic Printing: Enhancing (bio)fabrication with machine vision and high-throughput technologies

15:05 /15:25 Invited **Xabier Lopez de Pariza**
/ Hevea3D
Sustainability Aspects in Vat Photopolymerization; From Recyclable Resins to Pseudothermoplastic Materials

15:25 /15:50	Invited Andreas Heise / RCSI <i>3D Printing with Polypeptides</i>	15:25 /15:45	Invited Subin Damodaran / Tosoh Bioscience GmbH <i>Gel Permeation Chromatography: A Tool to Monitor the Degradation Kinetics of Polymers and Additives</i>
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15:45 /16:15	Coffee Break Salón de Música & Salón Blanco		
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Session 13 Sala Julio Carlo Baroja Chair: Katharina Ehrmann / TU Wien		Session 14 - Industrial Comedor Real Chair: Xabi Lopez de Pariza / Hevea 3D	
16:15 /16:45	Keynote Johanna Schwartz / Lawrence Livermore National Laboratory <i>Advancing chemistries of additive manufacturing: Ongoing efforts at Lawrence Livermore National Laboratory</i>	16:15 /16:35	Invited Benjamin Richter / Nanoscribe GmbH & Co. KG <i>Revolutionizing Biomedical Fabrication: Two-Photon Polymerization for Multimaterial 3D Printing</i>
16:45 /17:00	Oihane Varela Manrique / Polymat UPV/EHU <i>New Generation of Tetraphenylborate-based Photobase Generators for Additive Manufacturing</i>	16:35 /16:55	Invited Markus Lunzer / UpNano <i>2-Photon Polymerization - A Versatile Microfabrication Technology for Scientific Challenges from the Nano to the Macro Scale</i>
17:00 /17:15	Kathryn Weber / University of Wisconsin-Madison <i>Wavelength-Selective Synthesis of Metal-Organic Multi-materials</i>	16:55 /17:15	Invited To be Announced / Cubicure <i>To be Announced</i>
17:15 /17:40	Invited Josh Worch / Virginia Tech <i>Closed-loop biogenic resins for sustainable additive manufacturing</i>	17:15 /17:35	Invited Jasper Van Hoorick / Biolnx <i>From Ligth to Life: BIO INKS as a key to biofabrication for multiple printing technologies</i>

18:30 /19:30	Social Activities		
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Activity	/ Meeting Point
Guided visit of the city	/
Degustación de vinos / Wine tasting	/
Tour of pintxos (local appetizers) in the Old Town	/
One hour surf course in the Zurriola Beach	/

08:30
/08:45

Registration
Palacio Miramar - Main Hall

08:45
/09:30

Plenary session
Emily Davidson / Princeton University

Sala Julio Carlo Baroja
Chair: **Tao Xie** / Zhejiang University

Directed Self-Assembly of Nanostructured Polymers via 3D Printing

Session 15
Sala Julio Carlo Baroja

Chair: **Callie Higgins** / National
Institute of Standards and Technology

Session 16
Comedor Real

Chair: **Louis Pitet** / EPFL

09:35
/10:15

Keynote
Daryl Yee
/ EPFL

*(Micro)Structure Control in Architected
Materials*

09:35
/10:15

Keynote
Christophe Moser
/ EPFL

Volumetric Printing: what is next ?

10:15
/10:30

Leilei Song
/ Tampere University

*Direct Laser Written Micro-mirror Arrays
Enable 90° Incidence Angle Actuation in Light-
Responsive Soft Microrobots*

10:15
/10:30

Yujie Zhang
/ National Research Council Canada

*Enhancing Build Volume and Precision in
Tomographic Volumetric Additive
Manufacturing Through Advanced Polymer
Chemistry*

10:30
/10:55

Invited
Juan Rodriguez Hernandez
/ Institute of Polymer Science and Technology
(ICTP-CSIC)

*Designing Polymers for Additive Manufacturing
for Biomedical Applications: From Antimicrobial
Material to Biomedical Devices*

10:30
/10:55

Invited
Miryam Criado-Gonzalez
/ Institute of Polymer Science and Technology
(ICTP-CSIC)

*Ros-Responsive 3d Polymer Scaffolds Via Light
Printing Techniques for Biomedical Applications*

10:55
/11:30

Coffee Break
Salón de Música & Salón Blanco

Session 17
Sala Julio Carlo Baroja

Chair: **Daryl Yee** / EPFL

Session 18
Comedor Real

Chair: **Yanlei Yu** / Fudan University

11:30
/11:55

Invited
Carlos Sanchez-Somolinos
/ CSIC

*Additive Manufacturing of Lces: Programming
Actuation, Enabling Motility, and Advancing
Autonomy in Soft Robotics*

11:30
/11:55

Invited
Louis Pitet
/ Hasselt University

*Light-promoted volumetric printing of tough
hydrogels*

11:55 /12:10	Fato Niang / Université de Montpellier, ENSCM, CNRS <i>4D Printing of UCST-based hydrogels for programmable shape morphing using DLP</i>	11:55 /12:10	Felix Wechsler / École Polytechnique Fédéral Lausanne (EPFL) <i>Overprinting applications with tomographic volumetric additive manufacturing using Dr.TVAM</i>
12:10 /12:25	Sara Muñana González / UPV-EHU <i>Fabrication of Microfluidic Devices for Nano- and Microgel Synthesis Using Ldc 3d Printing</i>	12:10 /12:25	Johanna Vandenbrande / Lawrence Livermore National Laboratory <i>Expanding the Scope of Materials Accessible to Volumetric Additive Manufacturing</i>
12:25 /12:40	Buse Unlu / École Polytechnique Fédéral Lausanne (EPFL) <i>Overprinting applications with tomographic volumetric additive manufacturing using Dr.TVAM</i>	12:25 /12:40	Chantal Paquet / National Research Council of Canada <i>Materials and methods for generating 3D electronics with volumetric additive manufacturing</i>
12:40 /12:55	Sebastien Blanquer / CNRS-University of Montpellier <i>Approaches to Print High Performance Polymer by DLP</i>	12:40 /12:55	Samantha Catt / Heidelberg University <i>Macromolecular Design of Inks for 3d Microprinting</i>
12:55 /14:10	Lunch Break Salón de Música & Salón Blanco		

Session 19 Sala Julio Carlo Baroja		Session 20 Comedor Real	
Chair: Daniele Mantione / Polymat, University of the Basque Country		Chair: Cristophe Moser / EPFL	
14:10 /14:40	Keynote Callie Higgins / National Institute of Standards and Technology <i>Cure Depth Dynamics in Photopolymer Resins: Effects of Light Source Bandwidth and Absorber Type</i>	14:10 /14:40	Keynote Yanlei Yu / Fudan University <i>4D Printed Adaptive Soft Robots of Liquid Crystal Elastomers</i>
14:40 /15:05	Invited Leah Appelhans / Sandia National Laboratories <i>3D PhotoROMP: Using light to control ring-opening metathesis polymerizations for 3D printing</i>	14:40 /15:05	Invited Virgilio Mattoli / Istituto Italiano di Tecnologia <i>From Tattoo Electronics to 3D Microdevices: Soft Microsystems via Two-Photon Lithography</i>
15:05 /15:20	Mehmet Akif Sahin / Technical University of Munich <i>Active Flow Sculpting for the Next Generation of 3d Printing Nozzles</i>	15:05 /15:20	Yiying Zou / UpNano GmbH <i>3D Hydrodynamic Flow Lithography</i>
15:20 /15:45	Invited Fergal Coulter / ETH Zurich <i>AddOn Manufacturing : A multi-axis, multi process additive manufacturing system to print on top of existing surfaces</i>	15:20 /15:45	Invited Arnaud Spangenberg / Institut de Science des Matériaux de Mulhouse <i>Reconfigurable and programmable materials for light-induced 3D & 4D printing</i>

15:45 /16:00	Bo Van Durme / Ghent University <i>Advanced Fabrication of Thermo-Responsive Scaffolds for Tissue Engineering: Tailored Resin Development and 4D Microprinting</i>	15:45 /16:00	Fernando Vidal Peña / University of the Basque Country <i>Advanced strategies for recycling of functional 3D printing materials</i>
16:00 /16:15	Xavier Allonas Université de Haute Alsace <i>Primary Photochemical Processes Involved in 3d Printing by Vat Photopolymerization</i>	16:00 /16:15	Bruno Zhulan / South Eastern Applied Materials Research Centre (SEAM), South East Technological University, Waterford, X91TX03, Ireland <i>Layer-Wise in-situ Remelting in Laser Powder Bed Fusion of Ti6Al4V: Microstructural and Mechanical Implications</i>
16:15 /16:30	Clara Garcia-Astrain / Polymat <i>Monitoring Disease in 3d Printed Cell Models</i>	16:15 /16:30	Francesca Perin / Polymat <i>Development of decellularized extracellular matrix bioinks for SLA bioprinting of gastric in vitro models</i>
16:30 /16:45	Invited AJ Boydston / University of Wisconsin <i>Multimaterial Actinic Spatial Control (MASC) Additive Manufacturing of Organic-Inorganic Multimaterial Parts</i>	16:30 /16:45	Invited Blair Brettmann / Hasselt University <i>Light-promoted volumetric printing of tough hydrogels</i>

20:00 /23:00	Gala Dinner Ténis Ondarreta
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Ténis Ondarreta / Eduardo Chillida Pasealekua, 9, 20008 Donostia

A welcome cocktail will be offered at your arrival.
If you wish to stay longer after the dinner, the bar will be open.

09:15
/09:30

Registration
Palacio Miramar - Main Hall

09:30
10:15

Plenary session
Tao Xie / Zhejiang University

Sala Julio Carlo Baroja

Chair: **David Mecerreyes / University of the Basque Country**

Dynamic covalent chemistry towards sustainable 3D additive manufacturing

Session 21
Sala Julio Carlo Baroja

Chair: **Miryam Criado-Gonzalez / ICTP-CSIC**

10:20
/10:50

Keynote
Alshakim Nelson
/ EPFL

Additive manufacturing of protein-based mechanical metamaterials

10:20
/10:50

Rakine Mouhoubi
/ ICGM

Digital Light Processing 4D Printing of Liquid Crystal Elastomers: Overcoming Limitations in Mesogen Alignment

10:50
/11:20

Coffee Break
Salón de Música & Salón Blanco

11:20
/11:35

Fabio Caltanissetta
/ Caracol AM

Exploring Sustainable, High-Performance Thermoplastic Materials for Architectural and Construction Applications through Robotic Large-Format Additive Manufacturing

11:35
/11:50

Itxaso Calafel Martínez
/ Polymat EHU

N-Situ Microfibrillated Pp/Pet Composites by 3d Printing

11:50
/12:05

Young Keynote
Best Young Oral in the Young Symposium
To Be Announced

10:20
/10:50

Invited
Jeremy Odent
/ University of Mons

3D-Printed Functionally Graded Matters

10:20
/10:50

Qianyi Zhang
/ EPFL

Overcoming scattering in tomographic volumetric bioprinting using computational light optimization

11:20
/11:35

Mirko Maturi
/ Universidad de Cadiz

Surface-modification of inorganic nanofillers for photopolymerization-based 3D printing of high-performance functional polymer nanocomposites

11:35
/11:50

Iraia Osquilla
/ University of the Basque Country, Biomat

3D printed protein scaffolds incorporated with fibrous biopolymers for tissue engineering

11:50
/12:05

Christoph Spiegel
/ Heidelberg University

Supramolecular Ink Design Approach for Multiphoton 3D Laser Printing of Soft Materials

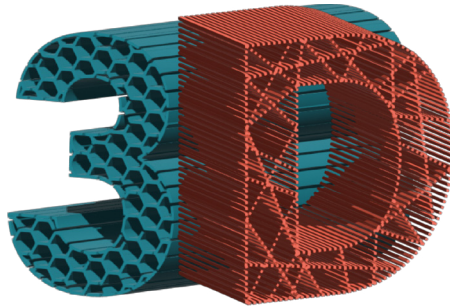
12:05
/12:35

Award Cerimony & Final Remarks
Sala Julio Carlo Baroja

Haritz Sardon / University of the Basque Country

Timothy Long / Arizona State University

Eva Blasco / University of Heidelberg



ADDITIVE
MANUFACTURING
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