

# ECCM22 — Programme at a Glance

22nd European Conference on Composite Materials · Oslo Kongressenter · 21–25 June 2026

	SUNDAY 21 June	MONDAY 22 June	TUESDAY 23 June	WEDNESDAY 24 June	THURSDAY 25 June
Plenary	<i>Arrivals &amp; Registration (afternoon)</i>	<b>08:00–09:10</b> Opening Ceremony & Plenary 1	<b>08:00–08:45</b> Plenary 2	<b>08:00–08:45</b> Plenary 3	<b>08:00–08:30</b> Plenary 4
Morning I		<b>09:15–11:00</b> SESSION 1	<b>09:00–11:00</b> SESSION 5	<b>09:00–11:00</b> SESSION 8	<b>08:45–10:45</b> SESSION 12
Break		11:00–11:30 Coffee Break	11:00–11:30 Coffee Break	11:00–11:30 Coffee Break	10:45–11:15 Coffee Break
Morning II		<b>11:30–13:00</b> SESSION 2	<b>11:30–12:45</b> SESSION 6	<b>11:30–12:45</b> SESSION 9	<b>11:15–12:30</b> SESSION 13
Lunch		13:00–14:00 Lunch	12:45–13:45 Lunch	12:45–13:45 Lunch	12:30–13:30 Lunch
Keynotes		<b>14:00–14:30</b> Keynotes (rooms A & B)	<b>13:45–14:15</b> Keynotes (rooms A & B)	<b>13:45–14:15</b> Keynotes (rooms A & B)	<b>13:30–14:00</b> Keynotes (rooms A & B)
Afternoon I		<b>14:30–16:30</b> SESSION 3	<b>14:15–15:15</b> SESSION 7	<b>14:15–15:45</b> SESSION 10	<b>14:00–15:30</b> SESSION 14
Break		16:30–17:00 Coffee Break	15:15–16:30 Poster Discussion + Coffee	15:45–16:15 Coffee Break	15:30–16:00 Coffee Break
Afternoon II		<b>17:00–18:00</b> SESSION 4	16:30–18:00 ESCM General Assembly	<b>16:15–18:00</b> SESSION 11	<b>16:00–17:00</b> SESSION 15 — Short-Oral Rapid & ESCM Awards
Closing					<b>17:00–17:30</b> Closing & Awards Ceremony
Evening	<b>18:00</b> Welcome Reception		<b>20:00–00:00</b> Student / PhD Event	<b>20:00–00:00</b> Gala Dinner	

Social events: Welcome Reception — Sun 18:00 · Student/PhD Event — Tue evening · Gala Dinner — Wed, Oslo Kongressenter Congress Hall. Sessions run in 11 parallel rooms; see the detailed daily programme.











Table with 10 columns: Time, Activity, A, B, C, D, Forum, M1, M2, M4, M5, Balder, Odin. Rows include sessions for Young Researcher Award Winner, Session 12, and various research presentations from 08:45 to 10:45.

10:45-11:30 COFFEE BREAK

Main table with 10 columns: Time, Activity, A, B, C, D, Forum, M1, M2, M4, M5, Balder, Odin. Rows include sessions for Session 13, Session 14, and various research presentations from 11:30 to 12:30.

12:30-13:30 LUNCH

Table with 10 columns: Time, Activity, A, B, C, D, Forum, M1, M2, M4, M5, Balder, Odin. Row for Session 14 Keynotes.

13:30-14:00 2 KEYNOTES (Rooms A & B)

Table with 10 columns: Time, Activity, A, B, C, D, Forum, M1, M2, M4, M5, Balder, Odin. Row for Session 14 Keynotes.

14:00-15:30 SESSION 14

Table with 10 columns: Time, Activity, A, B, C, D, Forum, M1, M2, M4, M5, Balder, Odin. Rows include sessions for Session 14 and various research presentations from 14:00 to 15:30.

Time	Activity	A	B	C	D	Forum	M1	M2	M4	M5	Balder	Oden	
14.15		#162 - Shu Baohe (The University of Tokyo) Experimental and numerical study on thermal deformation and mechanical properties of 3D printed continuous carbon fiber reinforced composites Co-authors: Naoki Ichihara, Yui Higashi, Tomonori Yokozaki	#135 - Stephen Rudolph (Professorship Adaptive and Lightweight Design, Chemnitz University of Technology) Manufacturing of fibre orientation using shape memory alloys in fibre-reinforced plastics during 3D printing Co-authors: Tony Krüger, Ricardo Becker, Kenny Pagel, Matthias Kläber, Wolf-Günter Dresner, Lothar Koll	#137 - Maria Conso Algado (Luleå University of Technology) Evaluation of the Effect of Resin for Recycled Carbon Fiber Using Various Pyrolysis Conditions Co-authors: Rudi Kienchenbacher, Christina Scheffer, Robert Jaffe	#192 - Rami Alwan (UMC, IMT Mines Ales) Experimental and numerical study on the effect of fiber-matrix adhesion on the residual load-bearing capacity of damaged and artificially aged FRP fiber-reinforced composites Co-authors: Pierre-Jacques Lottier, Olivier De Almeida, Gauthier Allouin, Monica Francesco Pucci	#163 - Alex Frederik Liebau (Fraunhofer Institute for Large Structures in Production Engineering IZP) Investigation into residual load-bearing capacity of damaged and artificially aged FRP fiber-reinforced composites Co-authors: Leon Struck, Stefan Schmidt, Wilko Flügge		#254 - Adrian Sanja (The University of Auckland) Zigzag Mechanical Properties Through Braided Bio-Fiber Fibrous Reinforced Extrinsic of Glass-Fiber Reinforced Polysulfone/Polyimide-6 Bond Composites Co-authors: Mark Bailey, Simon Bickerton, Tom Allen	#108 - Tommaso Tarelli (University of Bologna) Effect of the manufacturing of fibers and fittings from recycled carbon fibers Co-authors: Ivan Vanni, Ahmad Bushak Lailawati, Damien Soutar	#147 - Alexia Reynet (SEMTEC) Evaluation of the manufacturing of fibers and fittings from recycled carbon fibers - A novel recycling approach Co-authors: Christophe Bard	#186 - Paul Donberger (TU Leoben, Processing of Composites and Design for Additive Production) Effect of Processing Pressure on the Interfacial Shear Strength in Hemp/PLA Composites Co-authors: Natalia Victoria Dos Santos, Lucia Giannelis, Giulia Ronconi, Libera Viorillo, Valeria Mazzoni, Sabrina Carola Carrasco, Veronica Anemang, Martina Sotgiu de Luna	#191 - Kida Kazuaki (Tokyo University of Science) Self-healing Mechanism and Mechanical Property in Polyethylene Glycol Epoxy Resins: A Molecular Dynamics Study Co-authors: Takahito Oya, Kenjiro Kato, Naoki Hoshida, Jun Hayashi	
14.30		#178 - Esteban Yildiz (Bridal Composites Institute, Department of Aerospace Engineering, School of Civil, Aerospace, and Design Engineering, University of Bristol) 3D Printing of Fibre Reinforced Thermoplastics: A Pathway to Intelligent Composites Manufacturing Co-authors: Richard S. Tsai	#699 - Eugenio Madaio (Institute of Lightweight Engineering and Polymer Technology, Technische Universität Dresden) Computational workflow for process-structure analysis of thermoplastic braided tape composites in printing Co-authors: Georgios Tzouratzis, Angelos Filippatos, Malik Gude	#711 - Lorenzo Calvini (POLITECNICO DI MILANO) On the failure mechanisms in discontinuous fiber composites obtained from recycled prepreg scraps Co-authors: Maheshwari Bodhi Indu, Luca Michele Martelli, Tommaso Maria Bruggi, Paolo Bettini, Roberto Palazzetti	#140 - Leandro Schmidt (Fritz-Haber University) Further exploration of single fiber grafting to investigate the contribution of residual stress to the fibre-matrix interface Co-authors: Simon Muenken, Ingrid Hübner, Konstantin Mehl, Sebastian Scherer, Vanden Bulcke, Ignace Verpoest, Yentl Swaen	#162 - Anna Kundišková (TU Leoben) Time dependency of self-reinforced polypropylene and biaxially oriented polypropylene laminates Co-authors: Andreina Tassoni, Pauline Kienast, Lorenz von Andrianowicz, Nathan Vanden Bulcke, Ignace Verpoest, Yentl Swaen		#104 - Susana Malheiro (PEP - Innovation in Polymer Engineering) 3D printing of fiber-reinforced composites using a novel fiber-reinforced composite resin Co-authors: Paulo Ribeiro, Helena Rocha, João Ribeiro, Renato Reis, Daniel Rodrigues, Ana Ruivo, Andréia Vidua, Sofia Oliveira	#103 - Tommaso Maria Bruggi (University of Bologna) Development of structural supercapacitors from recycled carbon fibers Co-authors: Francesco Mangili, Tommaso Tarelli, Emma Corbelli, Lorenzo Gatti, Luca Molteni, Damiano Geronzi, Andrea Zuccheri, Chiara Quiliani	#100 - Indroneo Roy Chowdhury (Aalborg University) Effect of thermal recycling on the surface roughness and aging resistance of carbon fiber-reinforced composites from recycled carbon fibers Co-authors: Daniel Gurevich, Lisa Berggaard Jensen, Brian Lee, Veronika Bak, Ebban Lindgaard	#180 - Sabrina Deliz (German Aerospace Center (DLR)) Promoters of autodescent processes and their influence on the energy consumption of fiber-reinforced composites Co-authors: Jens Bachmann, Karina Knorr, Stefan Opatz	#199 - Jonas Rumi Baumann (University of Applied Sciences Bremen) Autodescent Processes in Fiber Reinforced Composites: Influence of Fiber Orientation on the Interfacial Shear Strength in Hemp/PLA Composites Co-authors: Natalia Victoria Dos Santos, Lucia Giannelis, Giulia Ronconi, Libera Viorillo, Valeria Mazzoni, Sabrina Carola Carrasco, Veronica Anemang, Martina Sotgiu de Luna	#177 - Daniele Rigatti (University Of Trento, Department of Industrial Engineering) Design Of Advanced Self-Healing Mechanism In Fiber Reinforced Composite Co-authors: Andrea Dorigoni, Alessandro Paganelli
14.45		#183 - Qiyah Ahi Lu (ESTACA) 3D printing of bio-inspired multi-composite material for energy absorption in coastal environments Co-authors: Thanh Quang Truong Huong, Fabrice Touchard, Ahmad Alard	#184 - Oliver Henry Schmidt (Institute of Lightweight Engineering and Polymer Technology, Dresden University of Technology) Experimental and numerical investigation into magnetic alignment of coated fibers in thermoplastic resin Co-authors: Noha Poonia, Arja Winkler, Yun Xu, Shengqiang Zhou, Malik Gude, Thomas Jankel	#162 - David Bryon (University of Strathclyde) Use of Recycled Glass Fibres and Recycled Polypropylene in the Production of Sustainable Bulk Moulding Composites Co-authors: Lisa Wang, Shrawan Varma, James Thomason, Ramki Myrathi, Richard Dikin	#714 - Beth Malone (University of Strathclyde) Improving the surface properties of recycled glass fibers with supercritical CO2 etching Co-authors: Rebecca Linn, James L. Thomason, Ross F. Minley		#103 - Qizhen Wang (The University of Tokyo) Effect of long-term hydrothermal aging and secondary recycling process on the interfacial and mechanical properties of recycled carbon fibers Co-authors: Hailin Shao, Hai Yuan, Yuxiang Peng, Stephen B. Hallett, Ian Hamerton, Jonathan P.-H. Behrouz, Byung Chul Kim	#121 - Burak Ozan Yavuz (University of Bristol) The effect of curing temperature on consolidation of aligned discontinuous fibers in composite materials Co-authors: Hailin Shao, Hai Yuan, Yuxiang Peng, Stephen B. Hallett, Ian Hamerton, Jonathan P.-H. Behrouz, Byung Chul Kim	#179 - Natalia Vidari (Araucaria) Development of structural supercapacitors for integrated energy storage in composite materials Co-authors: Daniel Gurevich, Lisa Berggaard Jensen, Brian Lee, Veronika Bak, Ebban Lindgaard	#147 - Jean Rougl (Brenntag Institute) The effect of recycling on the surface roughness and aging resistance of carbon fiber-reinforced composites from recycled carbon fibers Co-authors: Daniel Gurevich, Lisa Berggaard Jensen, Brian Lee, Veronika Bak, Ebban Lindgaard	#151 - Karim Kooz (DLR - German Aerospace Center) Promoters of autodescent processes and their influence on the energy consumption of fiber-reinforced composites Co-authors: Jens Bachmann, Stefan Opatz	#168 - Marc Cadinger (Engineering Design, Friedrich-Alexander-Universität Erlangen-Nürnberg) Influence of fiber orientation on the interfacial shear strength in hemp/PLA composites Co-authors: Alexander Behrens, Hans-Joachim Gorenz, Gerdwin Lohr, Julia Oltmann, Michaela Eder, Jörg Messig	#101 - Han Zhang (University of Warwick) Self-healing Mechanism and Mechanical Property in Polyethylene Glycol Epoxy Resins: A Molecular Dynamics Study Co-authors: Takahito Oya, Kenjiro Kato, Naoki Hoshida, Jun Hayashi
15.00		#124 - Mathieu Le Béron (Université Bretagne Sud, IMAH 4627, IMAH, BREVARD Group) 3D printing of bio-inspired multi-composite material for energy absorption in coastal environments Co-authors: Antoine Le Duigou, Ahmad Poonia, Justin Morozin	#771 - Johannes Wolf (TU Dresden University of Technology, Institute of Lightweight Engineering and Polymer Technology) Digital Twin for In-Situ Monitoring of Press Processes for Composites with 3D grading Co-authors: York Stubböcher, Alexander Liebich, Voli Wöhrle, Frank Adam, Peter Pätzsch, Malik Mader	#191 - Arsenio Santolamazza (Materials Science and Environmental Engineering, Tampere University) On the surface properties of recycled glass fibers with supercritical CO2 etching Co-authors: Eeli Karin	#125 - Pedro Aguiar (NTNU) On the durability of non-rip fabric composite exposed to water bath and freeze-thaw aged Co-authors: Sofia Rosa Grammatikas		#101 - Amir Almorayim (University of Bristol) The effect of fibre length, tensile strength, and impact performance of Two-Phase Discontinuous Composites manufactured from dry fibre preforms Co-authors: Michael R. Wilson, Michael Clarys, Peter Zekovic, Yina Trestle	#108 - Tommaso Maria Bruggi (University of Bologna) Development of structural supercapacitors from recycled carbon fibers Co-authors: Francesco Mangili, Tommaso Tarelli, Emma Corbelli, Lorenzo Gatti, Luca Molteni, Damiano Geronzi, Andrea Zuccheri, Chiara Quiliani	#100 - Indroneo Roy Chowdhury (Aalborg University) Effect of thermal recycling on the surface roughness and aging resistance of carbon fiber-reinforced composites from recycled carbon fibers Co-authors: Daniel Gurevich, Lisa Berggaard Jensen, Brian Lee, Veronika Bak, Ebban Lindgaard	#147 - Alexia Reynet (SEMTEC) Evaluation of the manufacturing of fibers and fittings from recycled carbon fibers - A novel recycling approach Co-authors: Christophe Bard	#186 - Paul Donberger (TU Leoben, Processing of Composites and Design for Additive Production) Effect of Processing Pressure on the Interfacial Shear Strength in Hemp/PLA Composites Co-authors: Natalia Victoria Dos Santos, Lucia Giannelis, Giulia Ronconi, Libera Viorillo, Valeria Mazzoni, Sabrina Carola Carrasco, Veronica Anemang, Martina Sotgiu de Luna	#191 - Kida Kazuaki (Tokyo University of Science) Self-healing Mechanism and Mechanical Property in Polyethylene Glycol Epoxy Resins: A Molecular Dynamics Study Co-authors: Takahito Oya, Kenjiro Kato, Naoki Hoshida, Jun Hayashi	
15.15		#191 - Alfonso Magliano (University of Palermo) Design of hybrid leading edge based on titanium lattice structure architecture and CFRP for improving the damage tolerance under bird strike conditions Co-authors: Francesco Di Carlo, Marco Russo, Stefano Franzetti, Riccardo Borrelli, Valentino Piro Brandi, Antonio Langella	#728 - Clara Kitzberg (Fraunhofer Institute for Machine Tools and Forming Technology IWU) Digital Twin for In-Situ Monitoring of Press Processes for Composites with 3D grading Co-authors: York Stubböcher, Alexander Liebich, Voli Wöhrle, Frank Adam, Peter Pätzsch, Malik Mader	#1334 - Gregory Mar Wilson (University of Strathclyde) An investigation on the effects of fibre sizing on glass fibre E-glass and epoxy composite interfacial shear strength Co-authors: Ross Hines, Stefano Giannini, Niklas Meyn	#177 - Maria Lorenzi (Aerospace Structures, Kamp, Material Department, Faculty of Aerospace Engineering, Delft University of Technology) Effect of thermo-oxidative aging on the dynamic properties of diulfide-based epoxy resins Co-authors: Rami Alwan, Santiago J. Garcia		#101 - Amir Almorayim (University of Bristol) The effect of fibre length, tensile strength, and impact performance of Two-Phase Discontinuous Composites manufactured from dry fibre preforms Co-authors: Michael R. Wilson, Michael Clarys, Peter Zekovic, Yina Trestle	#108 - Tommaso Maria Bruggi (University of Bologna) Development of structural supercapacitors from recycled carbon fibers Co-authors: Francesco Mangili, Tommaso Tarelli, Emma Corbelli, Lorenzo Gatti, Luca Molteni, Damiano Geronzi, Andrea Zuccheri, Chiara Quiliani	#100 - Indroneo Roy Chowdhury (Aalborg University) Effect of thermal recycling on the surface roughness and aging resistance of carbon fiber-reinforced composites from recycled carbon fibers Co-authors: Daniel Gurevich, Lisa Berggaard Jensen, Brian Lee, Veronika Bak, Ebban Lindgaard	#147 - Alexia Reynet (SEMTEC) Evaluation of the manufacturing of fibers and fittings from recycled carbon fibers - A novel recycling approach Co-authors: Christophe Bard	#186 - Paul Donberger (TU Leoben, Processing of Composites and Design for Additive Production) Effect of Processing Pressure on the Interfacial Shear Strength in Hemp/PLA Composites Co-authors: Natalia Victoria Dos Santos, Lucia Giannelis, Giulia Ronconi, Libera Viorillo, Valeria Mazzoni, Sabrina Carola Carrasco, Veronica Anemang, Martina Sotgiu de Luna	#191 - Kida Kazuaki (Tokyo University of Science) Self-healing Mechanism and Mechanical Property in Polyethylene Glycol Epoxy Resins: A Molecular Dynamics Study Co-authors: Takahito Oya, Kenjiro Kato, Naoki Hoshida, Jun Hayashi	

15:30-16:00 COFFEE BREAK  
 16:00-17:00 SESSION 15 – SHORT-ORAL RAPID SESSION ESCM AWARDS SESSION (room A)

Time	Activity	A	B	C	D	Forum	M1	M2	M4	M5	Balder	Oden
16.00												
16.07												
16.14												
16.21												
16.28												
16.35												

17:00-17:30 CLOSING CEREMONY & AWARDS CEREMONY