



AMC2026

Additive Manufacturing Conference

TENTATIVE CONFERENCE PROGRAM

amctr.org

April 13, 2026

PROGRAM

TIME	EVENT
8:00 am-9:00 am	Registrations
9:00am-9:15am	Opening Ceremony of AMC 2026
9:15am-10:00am	Keynote Speaker : Prof. Anthony Rollett Chair:
10:00am-10:15am	COFEE BREAK

	MAIN HALL	HALL B	HALL C	HALL D
	Design Optimization Chair:	Post-process Chair:	Quality Control Chair:	Application Chair:
10:15am-10:35am	Characterization and Optimization of Liquid Rope Coiling for Mechanical Metamaterials via Viscous Thread Instability Walia, Kartikeya	Influence of Post-Heat Treatment on Mechanical and Thermal Properties of AlSi10Mg Alloy Fabricated by Selective Laser Melting Damar, Furkan; Yücel, Adil; Canpolat, Tuna; Can, Serkan; Vural, Berrin Nur; Erdem, Giray; Doğu, Orkun; Yılmaz, Olgun	Combined Ratiometric and Illuminated Imaging for Cooling Rate Measurement in Laser Powder Bed Fusion Weeks, Craig; Myers, Alexander; Quirarte, Guadalupe; Wassermann, Nathan; Singh, Satbir; Malen, Jonathan	A New Paradigm in Engineering Education of Additive Manufacturing to Challenges Faced in Its Industrial Applications Mehrabi, Mostafa
10:35am-10:55am	Design Optimization And Additive Manufacturing Of Isotropic Lattice Materials Sağel, Furkan Mert; Görgülüarstan, Recep Muhammet	Abrasive Flow Machining Of Additively Manufactured Complex Conformal Cooling Channel Components Kitay, Özhan; Taşcıoğlu, Emre; Kaynak, Yusuf	The Effect of TIC Content and Particle Size on Mechanical Performance in LPBF-Processed In625 Composites Oguz, Baturalp; Bal, Irem; Ceik, Dilara; Gulcan, Yesim Nur; Dursun, Gokhan	Design and Evaluation of a Mobile Concrete Extrusion System for Additive Manufacturing in Construction Khalid, Syed Ghufuran; Kay, Jamie; Walia, Kartikeya
10:55am-11:25am	COFEE BREAK			

	MAIN HALL	HALL B	HALL C	HALL D
	Invited Speaker Chair:	Post-process Chair:	Quality Control Chair:	Biomedical Chair:
11:25am-11:45am	Prof. Pedro Cortes	Advancements In Hybrid Manufacturing: Leveraging Polymorphic Fixtures for Precision Machining of PBF-LB Components Nagalingam, Arun Prasanth; Babb, Lyndon; Poyraz, Ozgur; Tureyen, Erkan Bugra; Yasa, Evren; Hughes, James	Assessing the Limits of In-Situ Back-Scatter Electron Imaging in Narrow Electron Beam Powder Bed Fusion Process Windows using X-Ray CT Özyılmaz, Pınar; Çavuş, Ömer Safa; Khalilvandi Behrouzfar, Sina; Erkul, İlayda; Koç, Bahattin	Flexural Performance of Gyroid-Infilled CP-Ti Maxillofacial Mini-Plates Fabricated via Laser Powder Bed Fusion Depboylu, Fatma Nur; Poyraz, Özgür; Yasa, Evren; Korkusuz, Feza
11:45am-12:05am		Enhancement of Surface Integrity in EBM-Manufactured Ti-6Al-4V Components via a Dual-Pass Selective Laser Polishing Strategy	Development of a Rapid Verification Layout to Check the Sensitivity of In-situ Monitoring for L-PBF systems Yagmur, Aydin	Comparative Evaluation of Ti6Al4V and Commercially Pure Titanium TPMS Lattice Structures for Orthopedic Implants

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	MAIN HALL	HALL B	HALL C	HALL D
		Nesli, Safak; Yilmaz, Oguzhan; Govez, Umut; Tan, Evren		Kırımlı Aydın, Zeynep; Tutsak, Ece; Öztaşkın, Alptuğ; Aksöz, Anıl; Yetim, Murat; Şık, Alp; Sabuncuoğlu, Barış; Yasa, Evren
12:05am-12:25am	Coupon Level Experimental Assessment Of Additively Manufactured Functionally Graded Lattice Cores For Cfrp Sandwich Structures Aşkın, Salih; Düz, Baha; Coşkun, Bilgehan; Sağener, Mustafa Burak; Çolak, Oğuz	Characterization of Cold-Sprayed C103 Alloy and the Effect of Stress-Relief Heat Treatment Top, Esin; Çelik, Gökhan; Başkan, Mertcan	Representative Quality Indicators (RQIs) For Large-Scale Additive Manufacturing: Pathway to Industrial Qualification Pavey, Lydia; Rodriguez Sanmartin, Daniel; Wright, Julian; Watts, James; Delaney, Kristofer	A New Era In Dental Crown-Bridge Restorations: SLM-Manufactured TiNb-Based Alloy With Optimized Porcelain Bonding And Favorable Mechanical And Biological Properties Tutsak, Ece; Kırımlı Aydın, Zeynep; Yetim, Murat; Aksöz, Anıl; Aydoğan, Eda; Yasa, Evren; Uçar, Yürdanur
12:25am-12:45am	Assessment of Isotropic Mechanical Behavior in Co-Cr Alloy Lattice Structures for Aerospace Applications Akçakaya, Zeynep; Yıldız, Muhammed Taha; Babacan, Nazim	Cold Metal Fusion (CMF): An Economical Path to Metal Additive Manufacturing via Green Part Post-Processing Geyisi, Kamer	Computed Tomography-Driven Geometry Compensation of Additively Manufactured Ceramic Cores for Turbine Blade Investment Casting Tavukçu, Hüseyin Alper; Şen, Çağdaş; Özeren, Emre; Gülseven, Pelin	Innovative Cassette-Type Hybrid Build Plate Design for Improved Machinability and Cost Reduction in Dental AM Implants Altunbay, Ayşenur; Karaçam, Mehmet Berk

12:45pm-1:45pm	LUNCH
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1:45pm-2:30pm	Keynote Speaker : Prof. Zhangwei Chen	Chair:	MAIN HALL
2:30pm -2:45pm	Platin Sponsor:	Chair:	MAIN HALL
2:45pm -2:55pm	Gold Sponsor:	Chair:	MAIN HALL
2:55pm -3:15pm	COFFEE BREAK		

	MAIN HALL	HALL B	HALL C	HALL D
	Design Optimization Chair:	Microstructure Chair:	Quality Control Chair:	Powder Chair:
3:15pm-3:35pm	Numerical Modal Analysis of Additively Manufactured Cellular/Lattice Structures: Effects of Unit-Cell Topology, Relative Density and Orientation on Natural Frequencies and Mode Shapes Koçak, Umut	Thermodynamically Engineered Grain Refinement in Ti-6Al-4V via CALPHAD-Assisted Alloying Çavdarlı, Yiğit Can; Güllütutan, Umut Can; Demirağ, Ünver Oğulcan; Sargin, Irmak	Acoustic Non-Destructive Testing of AM Medical Devices Rodriguez Sanmartin, Daniel; Pavey, Lydia; Delaney, Kristofer; Wright, Julian; Watts, James	Temperature and Dwell-Time-Driven Evolution of Ti6Al4V Powder Morphology during Diode-Laser Preheating for Powder Bed Fusion Erman, S. Can; Aydın, Alkim; Mumtaz, Kamran
3:35pm -3:55pm	Topology Optimization and Part Consolidation of a Brake System for Print-in-Place Additive Manufacturing	Functionally Graded Ti-6Al-4V by LPBF: Microstructure, Interfaces, and Mechanical Properties	Enhancing LPBF Melt Pool Control and Process Stability through Advanced Optical and Digital Solutions	Evaluatiin of Powder Analysis for Ti6Al4V Ergin, Ömer Faruk; Akbulut, Mehmet Yuşa; Ergin, Ahmet Arif

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	MAIN HALL	HALL B	HALL C	HALL D
	Özdoğan, Mert; Yaman, Ulas	Toker, Güher Pelin; Çalışkan, Umut; Babacan, Nazım; Demirel, Elif; Yıldız, Muhammed Taha	Ghasemi, Hossein; Burn, Andreas; Hadibeik, Sepide; Spieckermann, Florian; Eckert, Jürgen	
3:55pm-4:15pm	Radar Absorption Performance of Additively Manufactured Re-Entrant Metamaterial Structures Müvezzin, Erkut; Ekşi Altan, Mihrişul	Calphad-Based Phase Stability and Non-Equilibrium Solidification Analysis of SS316L-IN718 Functionally Graded Materials Kaş, Mustafa; Yılmaz, Oğuzhan; Aslan Çığır, Büşra; Bol, Nevzat	Physical And Spectral Characteristics Of The Vapor Plume In Laser Powder Bed Fusion Weeks, Craig; Myers, Alexander; Deisenroth, David; Singh, Satbir; Malen, Jonathan	Design of High Entropy Alloy for Crystallographic Texture Development via Laser Powder Bed Fusion Gokcekaya, Ozkan; Nakano, Takayoshi
4:15pm-4:30pm	COFFEE BREAK			

	MAIN HALL	HALL B	HALL C	HALL D
	Invited Speaker Chair:	Design Optimization Chair:	Process Chair:	Process Chair:
4:30pm-4:50pm	Prof. Marwan K. Khraisheh	Comparative Analysis of Shear Deformation Theories For Sandwich Beams With Additively Manufactured Lattice Cores Under Sinusoidal Loading Dereli, Emre; Ilyas, Subayyal; Mittelstedt, Christian	Preparation of Graphene-Reinforced Copper Feedstocks for Binder Jet Additive Manufacturing: Effects of Mixing Strategy on Morphology and Flowability Önler, Recep; Kaya, Betül; Ülker, Sema Nur; Kurt, Semanur Azra; Erdinç, Kaan; Söylemez, Emrecan	Effects of Pre-Deformation Parameters on Geometrical Accuracy in Metal Powder Bed Fusion Process Can, Serkan; Vural, Berrin Nur; Erdem, Giray; Yergök, Çağlar; Yılmaz, Olgun; Damar, Furkan; Canpolat, Tuna; Doğu, Orkun
4:50pm -5:10pm		Stress Driven Topology And Lattice Based Lightweight Design Of A Gearbox Housing With Variable Shell And Lattice Thicknesses for SLM 3D Printing Özdemir, Özgür Emre; Yapıcı, Ataberk; Tunçel, Enes Melih; Safran, Burak; Bakraç, Caner; Çetin, Barış	Powder Reuse Behaviour Of Standard And Expanded Ti-6Al-4V Feedstocks In Laser Powder Bed Fusion Baxter, Marie E.; Islam, Syed F.; Yasa, Evren; Christofidou, Katerina; Hughes, James	Automated Powder Removal and Recovery Platform For Metal Additive Manufacturing Görür, Mustafa Caner; Öztaşkın, Alptuğ; Morten, Merve Nur
5:10pm-5:30pm	WAAM Diamond Lattice Elements: Experimental Characterization and Parametric Finite Element Analysis Arrè, Lidiana; Alagheband, Mahan; Esposito, Fabio; Girelli, Valentina Alena; Palermo, Michele	Modal Topology Optimization and Additive Manufacturing of Inconel 718 Components Oğuz, Baturalp; Poyraz, Özgür	Industrial-Scale Cleaning of Aerospace-Grade Titanium and High-Strength Aluminum Machining Swarfs for High-Value Additive Manufacturing Feedstock Kahveci, Tuba	Fabrication of Fe/B ₄ C Cored Composite Wires for Wire Arc Additive Manufacturing Usta, Fatih; Nair, Fehmi; Taplak, Hamdi
5:30pm-5:40pm	Geometrical, Mechanical, and Material Characterization of WAAM Fabricated Tubular Sandwich Section Members Alagheband, Mahan; Arrè, Lidiana; Esposito, Fabio; Palermo, Michele	Silver Sponsor	Silver Sponsor	Silver Sponsor

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PROGRAM

8:00 am-9:00 am	Registrations		
9:00am-09:45am	Keynote Speaker: Prof. Carolin Körner		Chair:
09:45am-10:00am	Gold Sponsor		Chair:
10:00am-10:15am	COFFEE BREAK		

	MAIN HALL	HALL B	HALL C	HALL D
	EBM Chair:	Process Chair:	Micostructure Chair:	Chair:
10:15am-10:35am	Comparison of X-ray Computed Tomography and Impulse Excitation Technique Results on Electron Beam Melted Ti-6Al-4V Samples Korkmaz Tilki, Pınar; Akansel, Serkan; Birer, Özgür; Bayram, Burak; Kaplan, Mehmet; Tan, Evren; Baydoğan, Murat	Design Criteria to Reduce the Warpage in Laser Powder Bed Fusion Can, Serkan; Yaman, Ulaş	High-performance Thermoplastics Obtained By Fused Filament Fabrication For Power Transformers Insulating Components: Ester Compatibility And Dielectric Breakdown Assessment Costa, Catarina; Garrido, Luís; Castro, João; Matos, João Rui; Lopes, Pedro; Lopes, Helena; Barbosa, Flávia	HIP SPECIAL SESSION
10:35am-10:55am	Development Of An Highly-Customizable Architecture Slicer For Electron Beam Melting (EBM) Öztaşkın, Alptuğ; Morten, Merve Nur	Investigating the Role of Scanning Strategies on Porosity Formation and Mitigation in Stitch Regions via Thermal Modeling and X-Ray CT Çavuş, Ömer Safa; Khalilvandi Behrouzgar, Sina; Koç, Bahattin	Microstructural and Mechanical Control of Ti6Al4V via Integrated Diode Point Melting and Dynamic Laser Assisted Heating Aydın, Alkım; Erman, S. Can; Çetin, Erhan; Mumtaz, Kamran	HIP SPECIAL SESSION
10:55am-11:25am	COFFEE BREAK			

	MAIN HALL	HALL B	HALL C	HALL D
	Invited Speaker Chair:	Process Chair:	Design and application Chair:	Chair:
11:25am-11:45am	Prof. Giorgio De Pasquale	Designing Process Steps Using Additive Manufacturing Technologies for the Development of Diesel and Hydrogen Engine Blocks and Cylinder Heads	RF Performance of Additively Manufactured Aluminum Alloys in Ku-Band Antenna Applications Sirmacı, Ahmet Eren	HIP SPECIAL SESSION

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	MAIN HALL	HALL B	HALL C	HALL D
11:45am-12:05am		Şirin, Bülent; Sekmen, Erdiç; Aydın, Cem; Uludağ, İsmail Optimization Of Laser Powder Bed Fusion (Lpbf) Process Parameters For Cucrzz Alloy Using In-situ Optical Tomography Data Erdoğdu, Furkan; Saklakoğlu, İbrahim Etem	Pressure Drop Evaluation of Different Fin Design for a Cold Plate Produced with Additive Manufacturing Parlak, Murat; Örs, Ergun	HIP SPECIAL SESSION
12:05am-12:25am	Sustainable Solutions for Titanium Supply in Additive Manufacturing Boz, Kenan	Impact of SLM Scanning Strategies on Mechanical Performance, Machinability, and Environmental Footprint of SS316L Components Bushra, Malaika; Umar, Muhammad; Khan, Aqib Mashood; Waqar, Saad; Javed, Adnan; Ning, He	Effects of Geometric Compensation on Electromagnetic Losses in Additively Manufactured Waveguides Kotaman, Mehmet Mert; Sulak, Kazım; Güler, Esra	HIP SPECIAL SESSION
12:25am-12:45am		Lightweight Structural and End-of-Arm Tooling Design for High-Speed In-Mold Labeling Robots Using AI-Based Generative Design Çolak, Oğuz; Atipler, Hüseyin Enes; Hacıoğlu, Erdem; Görmüşer, Tuğçe	ModelA - A Decision Framework For Modular- And Design-Engineering-Based Selective Automation In 3D Concrete Printing Karamara, Merve; Linner, Thomas; Bock, Thomas	HIP SPECIAL SESSION

12:45pm-1:45pm	LUNCH
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1:45pm-2:30pm	Keynote Speaker : Prof. I.S. Jawahir	Chair:	MAIN HALL
2:30pm -2:40pm	Gold Sponsor:	Chair:	MAIN HALL
2:40pm -2:50pm	Gold Sponsor:	Chair:	MAIN HALL
2:50pm -3:15pm	COFEE BREAK		

	MAIN HALL	HALL B	HALL C	HALL D
	Post-process Chair:	Properties Chair:	Process Chair:	Chair:
3:15pm-3:35pm	Hybrid Surface Treatment of SLM Tool Steel Parts for Plastic Injection Molding: Peening & Nitriding Mengü, Ömer Levent; Gür, Cemil Hakan; Görtan, Mehmet Okan	Experimental Comparison of Damping Performance in Additively Manufactured Particle Damper Çalık, Umut; Şenöz, Erdem Rahmi	Advanced SLA Additive Manufacturing of Si3N4 Structural Components: Overcoming Thermomechanical Challenges in Large-Scale Ceramic Fabrication Svintsitski, Rouslan; Louradour, Eric	HIP SPECIAL SESSION
3:35pm -3:55pm	Tribological Performance Of Mex-Manufactured Ultem 9085 Parts After Polishing And Sand-Blasting Mavi, Fırat; Doğru, Alperen; Sözen, Ayberk; Saklakoğlu,	Mechanical Characterization Of TiB2-Reinforced Aluminum Metal Matrix Composite Produced By Laser Powder Bed Fusion	Investigation of Mechanical Properties of Alumina Coupons Produced By Stereolithography Method and Comparison With Traditional Method	HIP SPECIAL SESSION

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	MAIN HALL	HALL B	HALL C	HALL D
	Nurşen; Saklakoğlu, İbrahim Etem	Acar, Oguz; Bal, İrem; Gulseven, Pelin; Celik, Dilara; Dursun, Gokhan	Kaplan, Mehmet; Solak, Nuri; Birer, Özgür; Korkmaz Tilki, Pinar; Berkem, Ali Sabri	HIP SPECIAL SESSION
3:55pm-4:15pm	An Industrial-Grade Simulation Platform Enabling Advanced Modelling for L-PBF, MBJ Debinding, Sintering, and HIP Liu, Yan	Shape Memory Effect In As-Built Fe-30Mn-6Si Alloy Produced By Laser Powder Bed Fusion Demirel, Elif; Hufenbach, Julia K.; Toker, Güher Pelin; Babacan, Nazım	Shrink-Line Formation in LPBF: Mechanism and Numerical Detection Gunaydin, Kadir	HIP SPECIAL SESSION
4:15pm-4:30pm	COFFEE BREAK			

	MAIN HALL	HALL B	HALL C	HALL D
	Post-process Chair:	WAAM Chair:	Process Chair:	Chair:
4:30pm-4:50pm	Influence of Pre- and Post-Weld Heat Treatments on the Microstructure and Weldability of SLM-Fabricated Ti-6Al-4V Erer, Şevval; Kandemir Bayraktar, İpek; Arslan, Ersin; Özcan, Alparslan	Effect of the WAAM Parameters and Substrate Thickness on the Geometry and Hardness of 316L Stainless Steel Ertugrul, Gökhan; Ossenbrink, Ralf; Schrickler, Klaus; Härtel, Sebastian	Additive Manufacturing Of Carbon Fiber-Epoxy Composites Via Freeform Reversible Embedding: Effects Of Interfacial Engineering İrez, Alaeddin Burak; Feinberg, Adam W.	HIP SPECIAL SESSION
4:50pm -5:10pm	Investigation of HIP Treatment Effects on the Mechanical Behavior of Ti-6Al-4V Lattice Structures Yaman, Koray; Kandemir, İpek; Erer, Şevval; Kayihan, Mete; Kucukturk, Gokhan	Comparative Mechanical Performance of WAAM-Fabricated Al 6061-RAM2 and Al 6063 Alloys under Different Heat Treatment Conditions Göynük, Tansu; Can, Gökhan; Bol, Nevzat; Damgaci, Barış; Yılmaz, Oğuzhan; Dedeci, Oğuzcan; Yücel, Murat	Comparative Analysis of Mechanical Integrity and Wear Behavior of FDM-Fabricated 15% CF-reinforced PLA, Tough-PLA, and PLA Materials in Comparison with Cast Polyamide 6 Tascioglu, Emre; Gunessu, Emrah; Kaynak, Yusuf	HIP SPECIAL SESSION
5:10pm-5:30pm	Fatigue Strength of Different Duplex Surface-Treated Tool Steels Produced by Powder Bed Fusion Additive Manufacturing Techniques Tekin, Tuğçe; Naclerio, Francesco; Molinari, Alberto	In-situ Defect Detection and Process Traceability in Wire Arc Additive Manufacturing Yenigül, Vahit Anıl; Önder, Gani Melik; Schubert, Randall; Çetinkaya, Mehmet Emre; Taşkın, Ubeydullah; Öncel, Eren; Meriç, Mehmet Emin	Investigation Of The Effect Of Curing Parameters On DLP Printing Resins Güneş Türker, Türkan; Porazan Çetin, Gaye; Çalhan, Aslıhan; Arslan, Ömer	HIP SPECIAL SESSION
5:30pm-5:50pm	Stress-Relief Annealing Window for Improved Tribological Performance Of LPBF Ti-6Al-4V Önler, Recep; Taşdelen, Tankut; Söylemez, Emrehan	Robotic Wire Arc Additive Manufacturing of Large-Scale Stiffened Aerospace Shells: Process and Characterization Dedeci, Oğuzcan; Göynük, Tansu; Dursun, Ahmet Hakan; Yücel, Murat; Can, Gökhan	Mechanical Characterization of PETG/TPU Blends for 3D Print Applications Ayan, Kemal; Özmen, Uğur; Saklakoğlu, Nurşen	HIP SPECIAL SESSION

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	MAIN HALL	HALL B	HALL C	HALL D
	WAAM/DED Chair:	Process Chair:	Process Chair:	Chair:
8:00am-8:20am	Process Development Of H13 Wire For DED-LB/w With Coaxial Wire Feed Lau, Robert; Wang, Weitong; Imgrund, Philipp	Determination of the Printability Parameter Window in Pulsed Laser Melting Additive Manufacturing of Inconel 718 Powder Hızlı, Hüseyin; Gündüztepe, Onur; Güler, Özgün	Numerical Investigation Of Particle Feeding Rates On The Spheroidization Of Titanium Powders In RF-ICP Systems ÜNAL, İrfan; ÜNAL, Rahmi	HIP SPECIAL SESSION
8:20am -8:40am	Control Of Grain Structure In Arc Directed Energy Deposition (Arc/W) Of Titanium Alloys: The Influence Of Novel Alloying Elements And Refiners Gülletutan, Umut Can; Çavdarlı, Yiğit Can; Çerçi, Hüseyin Basri; Kalay, Yunus Eren	Simulation and Experimental Validation of Porosity Defects in Laser Powder Bed Fusion of Ti-6Al-4V Çoban, Umut; Ülke, İbrahim; Yılmaz, Oğuzhan	Bridging Active Cooling and Latent Heat Storage: The Critical Role of Additive Manufactured Lattice Topologies in Hybrid Thermal Management Koyuncu, Ahmet; Doğu, Orkun; Yağcı, Vedat; Köse, Haluk Anıl; Zengin, Arda	HIP SPECIAL SESSION
8:40am -9:00am	Fabricating Skeleton Structures Using Robotic WAAM System Şahin, Eyup Kağan; Odman, Tevfik Batuhan; Tirkeş, Süha; Yaman, Ulaş	Low Angle Overhang Manufacturability in Ti-6Al-4V Laser Powder Bed Fusion Islam, Syed F.; Nagalingam, Arun P.; Haque, Abdul M.; Yasa, Evren; Hughes, James	Experimental Comparison Of Thermal And Hydraulic Performance Between Conventional And Additively Manufactured Cold Plates Doğu, Orkun; Köse, Haluk Anıl; Yağcı, Vedat; Koyuncu, Ahmet; Zengin, Arda; Kabukcu, Atakan	HIP SPECIAL SESSION
9:00am-9:20am	Investigation Of High-Temperature Mechanical Properties Of Inconel 718 Manufactured By LP-DED Method Arslan, Ersin; Kandemir Bayraktar, İpek; Erer, Şevval; Savaş Uygur, Cansu	Anisotropic Inverse Design Of Smooth Periodic Lattices Using Variational Autoencoder-Based Neural Networks Öztaşkın, Alptuğ; Yaman, Ulaş	Topology Optimization of a Load-Carrying Element for Mass Reduction and Improved Dynamic Performance Yavuz, Sezer; Çevik, Berkay	HIP SPECIAL SESSION
9:20am-9:35pm	COFFEE BREAK			

	MAIN HALL	HALL B	HALL C	HALL D
	Simulation and AI Chair:	Design Chair:	Process Chair:	Chair:
9:35am-9:55am	Comparison of Machine Learning Methods for Fatigue Life Prediction of Additively Manufactured Parts Rutci, Alimurtaza; Ece, Remzi Ecmel; Colak, Oğuz	4D Printing of Shape-memory Artificial Vessel with Improved Mechanical Properties Azgüler, Ozan; Ekşi Altan, Mihrişül	Design and Evaluation of a Mobile Concrete Extrusion System for Additive Manufacturing in Construction Khalid, Syed Ghufuran; Kay, Jamie; Walia, Kartikeya	HIP SPECIAL SESSION
9:55am - 10:15am	Experimental Identification and Validation of Johnson-Cook Strength and Damage Parameters for SLM-Fabricated Titanium Aktaş, Aylin; Hızlı, Hüseyin; Başkan, Mertcan	Oxidation Behavior Of Oxide Dispersion Strengthened IN718 Produced By Selective Laser Melting Aktaş, Aylin; Hızlı, Hüseyin; Başkan, Mertcan	High-Performance Soft Magnetic Inductors via Binder Jetting of Fe-50Ni Soylemez, Emrecan; Sari, Emre	HIP SPECIAL SESSION

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	MAIN HALL	HALL B	HALL C	HALL D
	Çalışkan, Umüt; Toker, Güher Pelin; Özcan, Burak			
10:15am - 10:35am	Effect of Powder Sieving Cycles on Mechanical Properties of AlSi10Mg Alloy Manufactured by Selective Laser Melting Erdem, Giray; Can, Serkan; Vural, Berrin Nur; Yılmaz, Olgun; Damar, Furkan; Canpolat, Tuna; Doğu, Orkun; Yergök, Çağlar	Effect Of Reused Powder On Density/Porosity Of AlSi10Mg Parts Manufactured Via Selective Laser Melting Vural, Berrin Nur; Can, Serkan; Erdem, Giray; Yergök, Çağlar; Yılmaz, Olgun; Damar, Furkan; Canpolat, Tuna; Doğu, Orkun	Structural Optimization for AM in Presence of Intermittent Loads in Multiple Application Points Altunok, Fikret Enes; De Pasquale, Giorgio; Moulineuf, Benjamin; Poisson, Fabien	HIP SPECIAL SESSION
10:35am- 11:50pm	COFEE BREAK			
11:00am 12:30am	TAMA ZİRVESİ			