# Paper # Area (First) (Last) Company Title				Presenter	Presenter			Duration	Start	Finish
	#	Paper #	Area	(First)	(Last)	Company	Title			

All Times are local time in Boston, MA, USA (EDT)

On June 21-22, 2025 Short Courses are on-line only. From June 23-26, 2025 the workshop is in-person only.

Version: May 3, 2025. For questions or comments please contact info@euvlitho.com

#### **Short Course**

## **Short Course:** EUV and Soft X-Ray Sources

8:30 AM, Saturday, June 21, 2025, Boston, MA (Course is held online Only)

All Times are for Boston, MA, USA. Please estimate times for your own time zones, for this live event.

Instructors: Gerry O'Sullivan, Marcelo Ackermann, Henry Kapteyn, Dinh Nguyen and Ladislav Pina

Short Courses and EUVL & Source Workshop require separate registrations. Please visit www.euvlitho.com for information.

				AV Test and Speaker Check-in	0:15	8:30 AM	8:45 AM
				Physics of EUV and Short Wavelength Sources with	1:30	8:45 AM	10:15 AM
1	Gerry	O'Sullivan	UCD	Focus on Atomic Physics			
				Break	0:15	10:15 AM	10:30 AM
			University of		1:30	10:30 AM	12:00 PM
2	Marcelo	Ackerman	Twente	EUV Multilayers			
				Lunch Break	0:30	12:00 PM	12:30 PM
			Univ of		1:30	12:30 PM	2:00 PM
			Colorado and	Fundamentals and Applications of Coherent High			
3	Henry	Kapteyn	K&M Labs	Harmonic EUV Sources			
				Break	0:15	2:00 PM	2:15 PM
					1:30	2:15 PM	3:45 PM
4	Dinh	Nguyen	xLight	Module 5: FEL for EUV Lithography			
				Break	0:15	3:45 PM	4:00 PM
				Grazing Incidence Optics and Applications for EUV and	1:30	4:00 PM	5:30 PM
5	Ladislav	Pina	CTU in Prague	e Soft X-ray Sources			
			Sho	rt Course Adjourned			
				<u> </u>			



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			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			

### **Short Course**

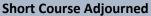
### **Short Course:** EUV Lithography

8:30 AM, Sunday, June 22, 2025, Boston, MA (Course is held online Only)

All Times are for Boston, MA, USA. Please estimate times for your own time zones, for this live event. Instructors: Vivek Bakshi (EUV Litho, Inc.), Patrick Naulleau (CXRO), Sangsul Lee (Postech University), and Jan van Shoot (ASML)

Short Courses and EUVL & Source Workshop require separate registrations. Please visit www.euvlitho.com for information.

				AV Test and Speaker Check-in	0:15	8:30 AM	8:45 AM
					1:30	8:45 AM	10:15 AM
1	Vivek	Bakshi	EUV Litho	Introduction to EUVL and EUV Sources			
					0:15	10:15 AM	10:30 AM
				Break			
					1:30	10:30 AM	12:00 PM
2	Patrick	Naulleau	<b>EUV Tech</b>	EUVL Patterning and Resist			
					0:30	12:00 PM	12:30 PM
				Lunch Break			
					1:30	12:30 PM	2:00 PM
3	Jan	van Schoot	ASML	High NA EUVL			
					0:15	2:00 PM	2:15 PM
				Break			
					1:30	2:15 PM	3:45 PM
4	Sangsul	Lee	POSTECH	EUVL Masks			
					0:15	3:45 PM	4:00 PM
				Break			
				Lithography Options Beyond High NA –Hyper NA and	0:30	4:00 PM	4:30 PM
5	Vivek	Bakshi	EUV Litho	Blue-X			
			Sh	nort Course Adjourned			





		Presenter	Presenter			Duration	Start	Finish
Paper #	Area	(First)	(Last)	Company	Title			
		Blue- X	( Techn	ical Wo	orking Group (TWG) Meet	ing		
			In-person	Meeting, O	pen to Blue-X TWG Members only			
			•					
_		8:	30 AM - 4:00	PM , Mone	day June 23, 2025, MIT LL, Boston, MA			
			Detailed Blu	e-X TWG Meeti	ing Agenda will be announced in May 2025			
					Breakfast, Coffee and Check-in	1:00	8:30 AM	9:30 AN
							9:30 AM	4:00 PN
					Technical Group Discussion and Blue-X TWG Member			
					Presentations			
1			Partial	List of Presenta	tions: Blue-X TWG Meeting (In-Person)	0.45		
P23				University of	2025 EUV and Source Workshop Invited Talk	0:15		
(EUVL)	Metrology	Muharrem	Bayraktar	Twente	(Tentative Title)			
			,			0:15		
P75								
(EUVL)	Sources	Yosuke	Honda	KEK	The Must Light Source			
						0:15		
P82		l		1	EUV and plasma sources using high energy solid state			
(EUVL)	Sources	Jackson	Williams	LLNL	λ ≈ 2 μm laser drivers	0.45		
P83						0:15		
(EUVL)	Sources	Peter	Moulton	MIT LL	Solid state laser drivers for EUV plasma sources			
(2012)	224.000				Description and the second sec	0:15		
TBA	Sources	Paul	Chesler	MIT LL	Plasma Simulation for Blue-X Sources			



		Presenter	Presenter			Duration	Start	Finish
Paper #	Area	(First)	(Last)	Company	Title			
						0:15		
		Tommy /	Sebastian /					
TBA	Sources	Nate	O'Connor	MIT LL	Liquid Nitrogen Droplets for Blue-X Sources			
						0:15		
					Overview of the fundamental atomic data required			
TBA	Sources	James	Colgan	LANL	for modeling the emission from Blue-X ions of interest			
							4:00 PM	4:30 PM
					Break			
					Joint Reception with 2025 EUVL and Source Workshop		4:30 PM	6:00 PM
					Attendees			
	ТВА	TBA Sources	Paper # Area (First)  Tommy / Nate	Paper # Area (First) (Last)  Tommy / Sebastian / O'Connor  TBA Sources Nate O'Connor	Paper # Area (First) (Last) Company  Tommy / Sebastian / O'Connor MIT LL  TBA Sources James Colgan LANL	Paper # Area (First) (Last) Company Title  Tommy / Sebastian / O'Connor MIT LL Liquid Nitrogen Droplets for Blue-X Sources  Overview of the fundamental atomic data required for modeling the emission from Blue-X ions of interest  Break	Paper # Area (First) (Last) Company Title  Tommy / Sebastian / O'Connor MIT LL Liquid Nitrogen Droplets for Blue-X Sources  O:15  Overview of the fundamental atomic data required for modeling the emission from Blue-X ions of interest  Break  Joint Reception with 2025 EUVL and Source Workshop	Paper # Area (First) (Last) Company Title  Tommy / Nate O'Connor MIT LL Liquid Nitrogen Droplets for Blue-X Sources  Overview of the fundamental atomic data required for modeling the emission from Blue-X ions of interest  A:00 PM  Break  Joint Reception with 2025 EUVL and Source Workshop  4:30 PM

**Blue-X TWG Meeting Adjourned** 



		Presenter	Presenter			Duration	Start	Finish						
# Paper #	Area	(First)	(Last)	Company	Title									
	Day 1: 2025 EUVL and Source Workshop													
Joi	nt Rece	ption:	Blue- X	TWG	and 2025 EUVL and Source	e Wo	rkshc	p						
		4:	30 PM - 6:00	PM, Monda	ay, June 23, 2025, MIT LL, Boston, MA									
							4:30 PM	6:00 PM						
					Registration and Reception									
							6:00 PM							
					Buses take attendees back to their hotels									
				Joint	Reception Adjourned									



			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			

# Day 2: 2025 EUVL and Source Workshop

8:30 AM - 7:00 PM, Tuesday, June 24, 2025, MIT LL, Boston, MA

Please see Abstract Book on website www.euvlitho.com for abstracts and co-author(s) information by paper #.

### Session 1: Keynote 1, Session co-chairs: Mordy Rothschild (MIT LL)

							0:30	8:30 AM	9:00 AM
						Breakfast, Coffee and Check-in			
			Vivek Bakshi				0:15	9:00 AM	9:15 AM
			/ Mordy		EUV Litho /				
		Introduction	Rothschild		MIT LL	Welcome and Announcements			
							0:30	9:15 AM	9:45 AM
						Update on High-NA EUV in process technology			
1	P2	Keynote - 1	Steven	Carson	Intel	development			
							0:30	9:45 AM	10:15 AM
						IBM Lithography Roadmap and Need for Future			
1	P1	Keynote - 1	Allen	Gabor	IBM	Lithography Tools			
							0:30	10:15 AM	10:45 AM
						2025 EUV and Source Workshop Invited Talk			
1	Р3	Keynote - 1	Mark	Gouker	MIT LL	(Tentative Title)			
							0:15	10:45 AM	11:00 AM
						Break			



			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
			s: Marcus Benk (CXRO) and Luke Long (EUV Tech)						
							0:15	11:00 AM	11:15 AM
2	P13	Mask - 1	Marcus	Benk	CXRO	Hyper-NA EUV Imaging, and Beyond			
							0:15	11:15 AM	11:30 AM
						EUV Absorber Sidewall Metrology with EUV			
2	P11	Mask - 1	Stuart	Sherwin	EUV Tech	Scatterometry			
							0:15	11:30 AM	11:45 AM
						Reduction of Wafer Intra-Field Overlay and CDU			
2	P12	Mask - 1	Yogev	Baruch	Zeiss	Residuals via laser processing of EUV Reticles			
							0:15	11:45 AM	12:00 PM
						HVM-ready EUV zoneplate microscopy for mask			
2	P14	Mask - 1	Luke	Long	EUV Tech	defect review			
							1:00	12:00 PM	1:00 PM
						Lunch			



			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title	2 41 41011	J. L.	
	•			1		irs: Ron Levi (Corning) and Katrina Rook (Veeco)			
							0:15	1:00 PM	1:15 PM
3	P15	Mask - 2	Ron	Levi	Corning	EXTREME ULE® for EUV Lithography reticles			
							0:15	1:15 PM	1:30 PM
					Hanyang	Ion Implantation for Improved Etching and Optical			
3	P16	Mask - 2	Yunsoo	Kim	University	Performance in Next-Generation EUV Mask			
							0:15	1:30 PM	1:45 PM
3	P17	Mask - 2	IKEBE	Yohei	Ноуа	Holistic design for EUV blanks beyond 1.X nm node			
							0:15	1:45 PM	2:00 PM
3	P18	Mask - 2	Kevin	Lucas	Synopsys	High NA EUV design to mask stitching enablement			
							0:15	2:00 PM	2:15 PM
						Advanced Ion Source & Target Developments for EUV			
3	P19	Mask - 2	Katrina	Rook	Veeco	Mask Multilayer Deposition			
							0:15	2:15 PM	2:30 PM
						Break			



			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
				Session 4:	Metrology, S	ession co-chairs: Ahmed Diallo (PPPL)			
							0:15	2:30 PM	2:45 PM
						High Resolution Imaging and Spectrographic			
4	P21	Metrology	Mark	Schattenburg	MIT	Instruments for 1-10 nm X-ray Astrophysics			
							0:15	2:45 PM	3:00 PM
						Absolute Traceable Electrical Substitution			
4	P22	Metrology	Brian	Simonds	NIST	Radiometers for EUV Wavelengths and Beyond			
							0:15	3:00 PM	3:15 PM
					Université	Synthesis and metrology of Cr/Sc-based multilayer			
15	P43	Metrology	Franck	Delmotte	Paris-Saclay	mirrors for the water window			
		Sessio	n 5: Modelin	g, Session co-c	hairs: Igor Go	lovkin (Prism Computations) and Jose Fonseca (FS	Dynamics	)	
							0:15	3:15 PM	3:30 PM
						Examining Kinetic Plasma Behavior in EUVL Sources			
[	P31	Modeling	Kirill	Lezhnin	PPPL	with Particle-In-Cell Simulations			
							0:15	3:30 PM	3:45 PM
					Prism	Plasma Simulations of EUV/x-ray Sources: Radiation			
5	P32	Modeling	Igor	Golovkin	Computations	Transport and Atomic Physics Models			
							0:15	3:45 PM	4:00 PM
						Atomic model to model EUV emission spectrum and			
5	P33	Modeling	Akira	Sasaki	QST	to produce the opacity table of tin			
							0:15	4:00 PM	4:15 PM
						Break			



			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
		Sessi	on 6: Source	s 1, Session co	-chairs: Jens E	Brunne (Trumpf) and Hakaru Mizoguchi (Kyushu Ui	niversity)		
							0:15	4:15 PM	4:30 PM
	D72	6 4		<b>.</b>	T C	The college and a flaw flaw with the cool of the least			
ь	P73	Source 1	Jens	Brunne	Trumpf	The path towards 1.5kW EUV with the CO2 drive laser			
						Increment of EUV radiation and reduction of ion	0:15	4:30 PM	4:45 PM
						energy of laser-produced Sn EUV-light-source plasmas			
					Hokkaido	by controlling initial plasma structure using multiple			
6	P71	Source 1	Kentaro	Tomita	University	pre-pulse laser irradiations			
							0:15	4:45 PM	5:00 PM
					Kyushu	Plasma Dynamics and Future of LPP-EUV Source for			
6	P72	Source 1	Hakaru	Mizoguchi	university	Semiconductor Manufacturing IV			
							0:15	5:00 PM	5:15 PM
						Diagnostics of Laser-assisted Discharge Tin Plasma			
6	P74	Source 1	Hideyuki	Sera	Ushio	EUV source using collective Thomson scattering			
							0:15	5:15 PM	5:30 PM
						Break			



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# Paper	# Area	Presenter (First)	Presenter (Last)	Company	Title	Duration	Start	Finish
			Session 7: Po	ster Session, S	Session co-chairs: Vivek Bakshi (EUV Litho)			
	T			T		1:30	5:30 PM	7:00 PM
					Poster Session and Reception			
				Chonnam	Synthesis, Characterizations, and Ligand Substitution			
				National	of a Non-Alkyl Tin Oxo Cluster as an Inorganic Resist			
7 P101	Poster	Soyeong	Heo	University	for EUV Lithography			
				Chonnam	Improved Sensitivity of CNU-TOC-01(4C-C), a Tin-Oxo			
				National	Cluster-Based EUV Inorganic Resist, via Position-			
7 P102	Poster	Seung-Yong	Baek	University	Selective Purification			
				Chonnam				
				National	Development of a Monomeric Inorganic Resist (CNU-			
7 P103	Poster	Wonchul	Kee	University	TIDO-AA) for EUV Lithography			
				Chonnam				
				National	Synthesis and Evaluation of Function-Integrated			
7 P104	Poster	Gahyun	Lee	University	Inorganic Molecular Resists for EUV Lithography			
					Numerical simulations application in semiconductor			
7 P105	Poster	Alessandro	Ruocco	FS Dynamics	manufacturing			
710106	Destan	la ab a a	) /i alsawa	шт	Distance to study offsets of CIN/ indused places			
7 P106	Poster	Jochen	Viekers	ILT	Platform to study effects of EUV-induced plasmas			
					Lacor Diagnostics for ELIVII Courses at Dringston			
7 P107	Doctor	Alec	Griffith	PPPL	Laser Diagnostics for EUVL Sources at Princeton			
/ 10/	Poster	Alec	Griffith	PPPL	Plasma Physics Laboratory			
					The development of EUV and soft X-ray optical			
7 04 00	Dests	A lain-	N 4 is sole o	Tours	evaluation			
7 P108	Poster	Akira	Miyake	Toyama	systems in TOYAMA			
7IP109	Poster	Henry	Chou	Energetiq	Energetiq New Products Poster (Tentative Title)			

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			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
					Brookhaven	High-sensitivity hybrid EUV resist synthesis via vapor			
7	P54	Poster	Nikhil	Tiwale	National Lab	phase infiltration			
						EUV Metrology at NIST			
7	P110	Poster	Stephanie	Moffitt	NIST				
						Engineered Hybrid Metal-Organic Clusters Resist for			
						Next-Generation High-NA EUV Lithography			
7	P111	Poster	Satinder	Sharma	IIT Mandi				
								7:00 PM	
						Buses Demont for Hetels			
						Buses Depart for Hotels			



#	Paper #	Area	Presenter (First)	Presenter (Last)	Company	Title	Duration	Start	Finish
			Da	y 3: 20	25 EUV	L and Source Workshop			
			8:30 AN	/I - 4:45 PI	M, Wednes	day, June 25, 2025, MIT LL, Boston, MA	4		
		Please s	ee Abstract B	ook on websi	te www.euvlit	tho.com for abstracts and co-author(s) information	by paper	#.	
				Session 8.	Keynote 2 Ses	sion co-chairs: Carrie Huguenin (MIT LL)			
				Jession 6.	T	T	0.05	0.00.444	0.55.44
							0:25	8:30 AM	8:55 AN
						Breakfast, Coffee and Check-in			
			Vivek Bakshi				0:05	8:55 AM	9:00 AM
			/ Mordy		EUV Litho /				
		Introduction	Rothschild		MIT LL	Welcome and Announcements			
						Research & roadmap for future sources of EUV light	0:30	9:00 AM	9:30 AM
						and beyond (BEUV)			
8	P4	Keynote - 2	Oscar	Versolato	ARCNL				
							0:30	9:30 AM	10:00 AM
						We Can Make a Difference – How to Promote Women			
8	P5	Keynote - 2	Debbie	Gustafson	Energetiq	in Technology			
						Development of Next-Generation Semiconductor	0:30	10:00 AM	10:30 AM
					•	Process Technologies for EUV and BEUV under Japan's			
8	P6	Keynote - 2	Junji	Yumoto	Tokyo	"K Program" for Economic Security by JST			
							0:15	10:30 AM	10:45 AM

Break



			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
		9	Session 9: Res	sist and Patter	ning 1, Sessio	n co-chairs: Alex Robinson (IM) and Anuja DeSilva	(Lam)		
							0:15	10:45 AM	11:00 AM
		Resist and	1						
9	P60	Patterning 1	Alex	Robinson	IM	The Multi-Trigger Resist - EUV Performance Update			
					Chonnam	Recent Developments and an Unexpected Discovery	0:15	11:00 AM	11:15 AM
		Resist and			National	in Our Tin-Based Inorganic Molecular Resists for EUV			
9	P56	Patterning 1	Hyun-Dam	Jeong	University	Lithography			
						EUV photoresists with controlled sequences lead to	0:15	11:15 AM	11:30 AM
		Resist and				improved stochastics and the discovery of a novel			
9	P57	Patterning 1	Chenyun	Yuan	Cornell	patterning mechanism			
						Next-Generation EUV Double Amplification	0:15	11:30 AM	11:45 AM
		Resist and				Photoresists From Acid-Catalyzed Chain Unzipping			
9	P58	Patterning 1	Rachel	Synder	Dupont	, , , , , ,			
				,	•		0:15	11:45 AM	12:00 PM
		Resist and							
9	P59	Patterning 1	Nishiki	Fujimaki	Fujifilm	EUV NTD-CAR performance toward high-NA EUVL			
							0:15	12:00 PM	12:15 PM
		Resist and				Dry Resist Patterning Readiness Towards High NA EUV			
9	P61	Patterning 1	Anuja	DeSilva	Lam	Lithography			
							1:00	12:15 PM	1:15 PM
						Lunch			



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			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
		Session	10: Sources 2	2, Session co-c	hairs: Jochen \	Viekers (ILT) and Takeshi Higashiguchi (Utsunomiyo	a Universi	ty)	
							0:15	1:15 PM	1:30 PM
					Utsunomiya	Efficient EUV/B-EUV sources by laser irradiation			
10	P77	Source 2	Takeshi	Higashiguchi	University	schemes			
							0:15	1:30 PM	1:45 PM
						A compact laser-driven short-wavelength radiation			
10	P76	Source 2	Yusuke	Teramoto	Ushio	source			
					Changchun		0:15	1:45 PM	2:00 PM
					University of				
					Science and				
					Technology,	Enhancement of spectral performance in gadolinium-			
10	P78	Source 2	Jingquan	Lin	China	based BEUV sources			
						SXR development for metrology, inspection, and	0:15	2:00 PM	2:15 PM
						process control using a discharge-produced plasma			
10	P79	Source 2	David	Reisman	Energetiq	source			
							0:15	2:15 PM	2:30 PM
						Laser-driven x-ray generation for industrial			
10	P80	Source 2	Jochen	Viekers	ILT	applications			
							0:15	2:30 PM	2:45 PM
						Break			



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			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
			Session 11: S	Sources 3, Sessi	on co-chairs:	Peter Moulton (MIT LL) and Henry Kapteyn (K&M L	abs)		
					Active Fiber		0:15	2:45 PM	3:00 PM
					Systems	2μm fiber laser systems for next generation EUV			
11	P81	Source 3	Christian	Gaida	GmbH	plasma sources			
							0:15	3:00 PM	3:15 PM
						Why High-Order Harmonic Generation Is the Optimal			
11	P84	Source 3	Dong Gun	Lee	E-Sol	Source Solution for EUV Mask Review Systems			
							0:15	3:15 PM	3:30 PM
						High-Harmonic Generation driven Extreme-Ultraviolet			
11	P85	Source 3	Peter	Kraus	ARCNL	Scatterometry for Nanostructure Characterization			
							0:15	3:15 PM	3:30 PM
					Class 5	High repetition rate, high average power XUV sources			
11	P86	Source 3	Bastian	Manschwetus	Photonics	based on High Harmonic Generation			
							0:15	3:30 PM	3:45 PM
11	P87	Source 3	Henry	Kapteyn	K&M Labs	Nanoscale Metrologies using Coherent EUV Sources			
								4:00 PM	
						Break and Buses Depart for Site Tours and Hotels:			
						Energetiq Reception or MIT. Nano Tour			



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# Pape	er# Area	Presenter (First)	Presenter (Last)	Company	Title	Duration	Start	Finish
		Da	y 4: 20	<b>25 EUV</b>	L and Source Workshop			
		8:30 A	M - 7:30 P	M, Thursd	lay, June 26, 2025, MIT LL, Boston, MA			
	Please s	see Abstract B	ook on websit	te www.euvli	tho.com for abstracts and co-author(s) information	by paper	#.	
			Session 12: R	Keynote 3, Ses	ssion co-chairs: Mordy Rothschild (MIT LL)			
						0:25	8:30 AM	8:55 AM
					Breakfast, Coffee and Check-in			
		Vivek Bakshi		E. D. ( )		0:05	8:55 AM	9:00 AM
	Introduction	/ Mordy Rothschild		EUV Litho / MIT LL	Welcome and Announcements			
	introduction	Rothschild		IVIII LL		0:30	9:00 AM	9:30 AM
					EUV multilayer optimization for next-generation EUVL - 13.5nm/11.3nm high-NA and 6.6nm/WW	0.30	9.00 AIVI	9.30 AIVI
12 P8	Keynote - 3	Bruce	Smith	RIT	opportunities			
	,				EUV and Non-EUV Based Lithography R&D to Extend	0:30	9:30 AM	10:00 AM
					Semiconductor Device Scaling and Improve			
12 P7	Keynote - 3	Robert	Chau	Natcast	Manufacturing Efficiency			
						0:15	10:00 AM	10:15 AM
					Break			



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	_		Presenter	Presenter	_		Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title	(		
		Sessi	ion 13: Suppl	ier Showcase, S	Session co-cho	airs: Jacqueline van Veldhoven (TNO) and Meng L			
13		Supplier Showcase	Henry	Chou	Energetiq	Cost- Effective EUV Light Sources for High-Volume Manufacturing	0:15	10:15 AM	10:30 AM
13	P96	Supplier Showcase	Jacqueline	van Veldhoven	TNO	Studying the interaction of EUV and plasma with scanner construction materials	0:15	10:30 AM	10:45 AM
13	P92	Supplier Showcase	Matt	Hettermann	EUV Tech	Applications of EUV Metrology Tools	0:15	10:45 AM	11:00 AM
13	P93	Supplier Showcase	Jose	Fonseca	FS Dynamics	Numerical simulations for accelerating productivity and equipment design in semiconductor manufacturing	0:15	11:00 AM	11:15 AM
13		Supplier Showcase	Victor	Soltwisch	РТВ	About X-ray metrology and the aftermath	0:15	11:15 AM	11:30 AM
13		Supplier Showcase	Andreas	Biermanns - Foeth	Research Instruments	Tools and solutions for actinic EUV metrology	0:15	11:30 AM	11:45 AM
		Supplier Showcase	Meng	Lee	Veeco	2025 EUV and Source Workshop Invited Talk (Tentative Title)	0:15	11:45 AM	12:00 PM
						Lunch	1:00	12:00 PM	1:00 PM
		Sessi	on 14: Resist	and Patterning	g 2, Session co	o-chairs: Ralph Dammel (Merck) and Chang-Yong	Nam (BNL)		
14		Resist and Patterning 2	Ralph	Dammel	Merck/EMD Electronics	Estimation of Resist Photospeeds for Blue-X Wavelengths	0:15	1:00 PM	1:15 PM



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			Presenter	Presenter			Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
						Advancing EUV Photoresist Development: High-	0:15	1:15 PM	1:30 PM
		Resist and				Throughput Screening of Electron-Induced Chemical			
14	P51	Patterning 2	Oleg	Kostko	CXRO	Transformations			
						Isomorphic molecular control of Sb based inorganic	0:15	1:30 PM	1:45 PM
		Resist and			Sungkyunkwa	EUV photoresist for optimized photosensitivity and			
14	P52	Patterning 2	Myung- Gil	Kim	n University	stability			
							0:15	1:45 PM	2:00 PM
		Resist and			Brookhaven	Organic-Inorganic Hybrid EUV Photoresists Derived			
14	P55	Patterning 2	Chang-Yong	Nam	National Lab	from Atomic Layer Deposition Techniques			
							0:15	2:00 PM	2:15 PM
						Break			



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			Presenter	Presenter	_		Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title			
		Session	15: Optics, S	Session co-cha	irs: Torsten Fe	eigl (optiXfab) and Marcelo Ackermann (University	of Twente	e)	
							0:15	2:15 PM	2:30 PM
					Nikon	Beyond One-Size-Fits-All: Tailoring EUV (and BEUV)			
15	P42	Optics	Donis	Flagello	Research	Optics for HVM Efficiency			
							0:15	2:30 PM	2:45 PM
						Hyper-NA: an EUV system with a numerical aperture			
15	P44	Optics	Michael	Patra	Carl Zeiss	of at least 0.75			
							0:15	2:45 PM	3:00 PM
						2025 EUV and Source Workshop Invited Talk			
15	P45	Optics	Torsten	Feigl	optiXfab	(Tentative Title)			
							0:15	3:00 PM	3:15 PM
					University of	2025 EUV and Source Workshop Invited Talk			
15	P46	Optics	Marcelo	Ackermann	Twente	(Tentative Title)			
							0:15	3:15 PM	3:30 PM
						Advanced Blue-X Multilayer Coating Designs			
15	P41	Optics	Vladimir	Liberman	MIT LL	Strategies			
							0:15	3:30 PM	3:45 PM
						Break			



		_	Presenter	Presenter	_		Duration	Start	Finish
#	Paper #	Area	(First)	(Last)	Company	Title	1 (50)		
		Se	ession 16: Res	sist and Patter	rning 3, Sessioi	n co-chairs: Sascha Brose (RWTH) and Iacopo Mocl	ni (PSI)	<u> </u>	
16 F		Resist and Patterning 3	Sascha	Brose	RWTH	Lab-based EUV interference lithography for large-area nanopatterning towards sub-10 nm resolution	0:15	3:45 PM	4:00 PM
16 F		Resist and Patterning 3	Hank	Smith	MIT	Replacing EUV with X-ZPAL	0:15	4:00 PM	4:15 PM
16 F		Resist and Patterning 3	Congque	Dinh	TEL	Advanced Coater/developer Technologies for High-NA EUV Lithography	0:15	4:15 PM	4:30 PM
16 F		Resist and Patterning 3	Bruno	LaFontaine	CXRO	EUV Lithography at The Center for X-Ray Optics	0:15	4:30 PM	4:45 PM
16 F		Resist and Patterning 3	lacopo	Mochi	PSI	Development of a Next-Generation Interference Lithography End Station at the Swiss Light Source	0:15	4:45 PM	5:00 PM
16 F		Resist and Patterning 3	Michael	Tsapatsis	John Hopkins University	Amorphous Zeolitic imidazolate Framework (aZIF) Films for Electron Beam, Extreme UV, and Beyond Extreme UV Lithography Applications	0:15	5:00 PM	5:15 PM
						Announcements	0:15	5:15 PM	5:30 PM
						Workshop Dinner	1:30	5:30 PM	7:00 PM
						·		7:00 PM	
					\A/o#	Buses Depart for Hotels			
					wor	kshop Adjourned			



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