

2018 NMD Workshop Agenda

(updated Feb 21, 2018)

date	#	Name	Affiliation	Title	start time	finish time	duration	location	
5/20/2018 Sunday	Sunday Dinner				5:30 PM	8:00 PM	2:30	Kingsgate Marriott (Caminetto)	
5/21/2018 Monday	Registration				7:30 AM	8:15 AM	0:45	Tangemann Univ. Center (TUC) 4th Floor Great Hall Foyer	
	Welcome Remarks				8:15 AM	8:30 AM	0:15	Tangemann 4th Floor Great Hall (rm 465TUC)	
	1.01	Dr. Alan Windle	University of Cambridge	Direct spinning of carbon nanotube fibres and mats: some outstanding issues	8:30 AM	9:00 AM	0:30		
	1.02	Dr. Alex K. Zettl	University of California, Berkeley	Using Electron Microscopy to Probe Novel Nanomaterials Configurations	9:00 AM	9:30 AM	0:30		
	1.03	Dr. John Bulmer	University of Cambridge	Implications of Crystallinity in High Conductivity Carbon Nanotube Fibers	9:30 AM	10:00 AM	0:30		
	Break				10:00 AM	10:30 AM	0:30		
	1.04	Dr. David Lashmore	University of New Hampshire	Conductivity of CNT Wire	10:30 AM	11:00 AM	0:30		
	1.05	Dr. Michael Jakubinek	National Research Council Canada	Multifunctional skin based on tailorable CNT composite sheets for a morphing wing structure	11:00 AM	11:30 AM	0:30		
	1.06	Dr. Stephen C. Hawkins	Queen's University Belfast	Multifunctional Hierarchical Advanced Composite Aerostructures Utilising the Combined Properties of Different Carbon NanoTube Assemblies	11:30 AM	12:00 PM	0:30		
	Lunch				12:00 PM	1:30 PM	1:30		open (see website venue page)
	NanoWorld Tour				1:30 PM	3:00 PM	1:30		verify with Vesco
	1.07	Dr. Hisashi Sugime	Waseda University	Low temperature growth of high mass density CNT forests on conductive supports and application for electrochemical biosensors.	3:00 PM	3:30 PM	0:30	Tangemann 4th Floor Great Hall (rm 465TUC)	
	1.08	Dr. Juan Vilatela	IMDEA Materials Institute	CNT fiber electrodes for energy storage and conversion	3:30 PM	4:00 PM	0:30		
	Break				4:00 PM	4:30 PM	0:30		
	1.09	Dr. Timothy Haugan	Air Force Research Laboratory	Impact of Nanotechnology on Carbon-based and Superconductor Electric Wire Development	4:30 PM	5:00 PM	0:30	Tangemann 4th Floor Great Hall (Poster Session Area)	
	1.10	Dr. Jian Nong Wang	East China University of Science and Technology	High performance carbon nanotube fiber and film	5:00 PM	5:30 PM	0:30		
	Networking Reception				5:30 PM	6:30 PM	1:00	Tangemann 4th Floor Great Hall (Poster Session Area)	
	Dinner				6:30 PM	8:30 PM	2:00	tbd (likely TUC 4th Floor catered)	
5/22/2018 Tuesday	Registration				7:30 AM	8:00 AM	0:30	Tangemann Univ. Center (TUC) 4th Floor Great Hall Foyer	
	2.01	Dr. Ray Baughman	University of Texas-Dallas	Strong, Powerful Artificial Muscles Yarns and Fibers Who's Multifunctionality Provides Intelligence and the Ability to Harvest Energy	8:00 AM	8:30 AM	0:30	Tangemann 4th Floor Great Hall (rm 465TUC)	
	2.02	Dr. Philip Bradford	North Carolina State University	Templating Nanostructured Materials Via Aligned Carbon Nanotube Sheets	8:30 AM	9:00 AM	0:30		
	2.03	Dr. Vesselin Shanov	University of Cincinnati	CVD Synthesis and Characterization of Three Dimensional (3D) Graphene for Advanced Applications	9:00 AM	9:30 AM	0:30		
	Break				9:30 AM	10:00 AM	0:30		
	2.04	Dr. Michael Sumption	The Ohio State University	Carbon nanotube/metal composite wires: development and properties	10:00 AM	10:30 AM	0:30		
	2.05	Dr. Adam Boies	University of Cambridge	CNT Aerosol Dynamics: Growth Regimes and Aerogel Formation	10:30 AM	11:00 AM	0:30		
	2.06	Dr. Fei Wei	Tsinghua University, Beijing	???	11:00 AM	11:30 AM	0:30		
	Lunch				11:30 AM	1:00 PM	1:30	open (see website venue page)	
	2.07	Dr. Joseph Fellner	Air Force Research Laboratory	Methods to Enhance the Performance of Lithium-based CFx/CuPc Hybrid Cathodes by use of Carbon Nanostructures	1:00 PM	1:30 PM	0:30	Tangemann 4th Floor Great Hall (rm 465TUC)	
	2.08	Dr. Andrew Barnard	Michigan Technological University	Commercial Applications of CNT Thin-Film Thermophones	1:30 PM	2:00 PM	0:30		
	2.09	Mr. Henry de Groh III	NASA Glenn Research Center	Electrical Conductivity of a Copper-Carbon Covetic Composite	2:00 PM	2:30 PM	0:30		
	Break				2:30 PM	3:00 PM	0:30	Tangemann 4th Floor Great Hall (rm 465TUC)	
	Industry Presentations								
	3.01		#N/A		3:00 PM	3:05 PM	0:05		
	3.02		#N/A		3:05 PM	3:10 PM	0:05		
	3.03		#N/A		3:10 PM	3:15 PM	0:05		
	3.04		#N/A		3:15 PM	3:20 PM	0:05		
3.05		#N/A		3:20 PM	3:25 PM	0:05			
3.06		#N/A		3:25 PM	3:30 PM	0:05			
Break				3:30 PM	3:40 PM	0:10			
Industry Tour: Procter & Gamble				3:40 PM	5:50 PM		Procter & Gamble		
4.0	Travel to P&G (Bus)			3:40 PM	4:00 PM	0:20			
	Tour			4:00 PM	5:30 PM	1:30			
	Return to UC Campus (Bus)			5:30 PM	5:50 PM	0:20			
Workshop End									