2018 NMD Workshop Agenda

(updated May 14, 2018)

date	#	Name	Affiliation	Title	start time	duration	location
5/20/2018 Sunday	**Sunday Dinner**				5:30 PM	2:30	Kingsgate Marriott (Caminetto)
5/21/2018 Monday	**Registration**				7:30 AM	0:45	Tangemann Univ. Center (TUC) 4th Floor Great Hall Foyer
	Welcome Remarks				8:15 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	0:30	
	1.02	Dr. Alex K. Zettl	University of California, Berkeley	Using Electron Microscopy to Probe Novel Nanomaterials Configurations	9:00 AM	0:30	
	1.03	Dr. John Bulmer	University of Cambridge	Implications of Crystallinity in High Conductivity Carbon Nanotube Fibers	9:30 AM	0:30	
	Break				10:00 AM	0:30	
	1.04	Dr. David Lashmore	University of New Hampshire	Conductivity of CNT Wire	10:30 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	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	0:30	
	Lunch				12:00 PM	1:30	open (see website)
	NanoWorld Tour				1:30 PM	1:30	led by Dr. Shanov
	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	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	0:30	
	Break				4:00 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	0:30	
	1.10	Dr. Jian Nong Wang	East China Univ. of Science and Technology	High performance carbon nanotube fiber and film	5:00 PM	0:30	
	Networking Reception				5:30 PM	1:00	Tangemann 4th Floor Great Hall (Poster Session Area)
	Dinner				6:30 PM	2:00	Tangemann 4th Floor (400A)
5/22/2018 Tuesday	**Registration**				7:30 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	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	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	0:30	
	Break				9:30 AM	0:30	
	2.04	Dr. Michael Sumption	The Ohio State University	Carbon nanotube/metal composite wires: development and properties	10:00 AM	0:30	
	2.05	Dr. Adam Boies	University of Cambridge	CNT Aerosol Dynamics: Growth Regimes and Aerogel Formation	10:30 AM	0:30	
	2.06	Dr. Fei Wei	Tsinghua University, Beijing	Single-Carbon- Nanotube Manipulations and Devices Based on Macroscale Flakes	11:00 AM	0:30	
	Lunch				11:30 AM	1:15	open (see website)
	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	12:45 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	1:15 PM	0:30	
	2.09	Mr. Henry de Groh III	NASA Glenn Research Center	Electrical Conductivity of a Copper-Carbon Covetic Composite	1:45 PM	0:30	
	Industry Presentations						
	3.01	Mr. Alexander Legant	Nanoscribe		2:15 PM	0:05	Tangemann 4th Floor Great Hall (rm 465TUC)
	3.02	Jim Ochs	Surface Measurement Systems		2:20 PM	0:05	
	3.03	Dr. Pavel Bystricky	Boronite LLC		2:25 PM	0:05	
	3.04	Dr. Paul Wiper	Aixtron		2:30 PM	0:05	
	3.05	General Nano	General Nano		2:35 PM	0:05	
	Break				2:40 PM	0:20	
	Industry Tour: Procter & Gamble				**3:00 PM**		
	4.0	Load Bus			3:00 PM	0:05	Procter & Gamble
		Travel to P&G (Bus)			3:05 PM	0:25	
		Tour			3:30 PM	1:30	
		Return to UC Campus (Bus)			5:00 PM	0:20	
	Workshop End						

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