

Workshop “Weak” and “Strong” Knowledge in Solid State Physics and the Material Sciences, Frankfurt am Main, 5-7 May, 2018, Campus Westend, Eisenhower Room

05.05.2017	15:00	Forstner, Müller	Welcome/Introduction
	15:30	Shaul Katzir	The ‘weakness’ of rigorous theory and the need for ‘weak’ knowledge in technology
	16:15	Coffee Break	
	16:45	Alexei Kojevnikov	“More is Different,” or the “Transition from Quantity to Quality”
	17:30	Christian Joas	Strong Correlations: Postwar Physics and its Unity
	18:20	Iwo Amelung	Welcome SFB/Reception
	20:00	Dinner	
06.05.2017	09:00	Joseph D. Martin	How Physics Became ‘What Physicists Do’: The Solid State Community and the Identity of American Physics
	09:45	Brittany Shields	Cold War Materials Science: US Interdisciplinary Laboratories
	10:30	Coffee Break	
	11:00	Thomas Steinhauser	The MPG and its Shift from Traditional Materials Science to Solid State and Surface Science
	11:45	Falk Müller	Extra-Terrestrial Substances and the Organization of Mundane Research in Solid-State Physics and Materials Science in the former GDR
	12:30	Lunch Break	
	14:00	Christina Diblitz	Coming to the Surface: Molecular Beam Epitaxy and the Material Culture of Semiconductors
	14:45	Dieter Hoffmann	The Journal <i>physica status solidi</i> as an Example for the Formation of a Specific Market for Periodicals in Modern Solid State Physics
	15:30	Coffee Break	
	16:00	Gabor Pallo	The Strength of Tradition: Tungsten in Budapest
	16:45	Christian Forstner	From Magnetic Cores to a Central Institute: The Institute for Magnetic Materials in Jena
07.05.2017	17:30	Short break	
	17:45	Klaus Hentschel	Materials Science in Interdisciplinary Teaching - How does History of Science and Technology fit in?
	20:00	Conference Dinner	
	09:00	Cyrus Mody	Mistaking the Sunset for the Dawn: Jack Kilby, Solar Energy, and the Weak National-Security State
	09:45	Christophe Lécuyer	What is Moore's Law?
	10:30	Coffee Break	
	11:00	Alfred Nordmann/Moritz Epple	Comment
14.05.2017	11:45	General Discussion	
	13:00	Fin	
	18:15	Bernadette Bensaude-Vincent	Weak and Strong Forms of Knowledge in Materials Science & Engineering