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 Mini-Workshop on Positron Physics – 1<sup>st</sup> User-Meeting at NEPOMUC
 

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	<b>Topic and Title</b>		<b>Time</b>
<b>POSITRON PHYSICS</b>	<b>Coffee</b>		8:15 AM
	<b>Greeting</b>	W. Petry	8:30 AM
	<b>From neutrons to positrons</b>	K. Schreckenbach	8:40 AM
	<b>Positrons at NEPOMUC</b>	C. Hugenschmidt	8:55 AM
<b>EXPERIMENTAL FACILITIES</b>	<b>Solid state</b>	<b>e<sup>+</sup> in metals I</b> <i>Positrons in metals: From Doppler Spectroscopy to Damage Prediction</i>	M. Haaks
		<b>e<sup>+</sup> in metals II</b> <i>Fatigue and Fracture in Metals and Alloys: Investigations with PLEPS and SPM</i>	W. Egger
		<b>e<sup>+</sup> in semiconductors</b> <i>Slow positron implantation spectroscopy – a tool to characterize vacancy-type damage in ion-implanted 6H-SiC</i>	G. Brauer
		<b>e<sup>+</sup> in polymers I</b> <i>Free Volume in Membrane Polymers: Experiment and Simulation</i>	K. Rätzke
		<b>e<sup>+</sup> in polymers II</b> <i>Far below T<sub>g</sub> dynamics and amorphous-amorphous transitions in polymers</i>	H. Schut
	<b>Coffee</b>		11:15 AM
	<b>Surface, atoms, plasma</b>	<b>e<sup>+</sup> at the surface</b> <i>Positron annihilation induced Auger and gamma spectroscopies of surfaces</i>	A. Weiss
		<b>e<sup>+</sup> scattering</b> <i>state-resolved cross sections and positron-molecule bound states</i>	C. Surko
		<b>Positronium and Ps<sup>-</sup></b> <i>Physics of Ps-</i>	D. Schwalm
	<b>Lunch</b>		1:00 PM
<b>Visit FRM-II &amp; NEPOMUC</b>	<b>FRM-II</b>		2:00 PM
			C. Hugenschmidt
			3:00 PM
			M. Stadlbauer
			3:15 PM
	<b>PAES</b>		P. Sperr
			3:30 PM
			C. Piochacz
	<b>CDB</b>		3:45 PM
			H. Schut
			4:00 PM
<b>External &amp; future experiments</b>	<b>PLEPS (pulsed beam)</b>		4:30 PM
			C. Surko
	<b>SPM (microscope)</b>		5:00 PM
<b>Closing</b>	<b>2D-ACAR</b> <i>Applications of positron beam 2D-ACAR</i>	n.n.	5:30 PM
	<b>e<sup>+</sup> plasma</b> <i>Positron plasmas, massive positron storage, and cold, trap-based beams</i>		
	<b>Bavarian Brotzeit</b>		