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	The Fraunhofer Institute for Applied Polymer Research IAP has been	
	active in organic electronic research, focusing on applications in OLEDs,	
	OTFT, OPV, sensors, and actuators. The main focus is on synthesis of novel	
	materials with improved optoelectronic properties as well as in the device	
	design and manufacture. Quantum Dots (QDs) are a new class of	
Exhibitor	nanomaterials in which optical properties can be tuned by adjusting the	
Introduction	particle size. These unique properties enable QDs to be used in various	
	applications, for example, as luminescent materials in QD-LEDs and	
	displays and as converting material for lighting application. Fraunhofer	
	IAP's concentration is on solution processability which can be	
	manufactured by area or digital printing techniques like inkjet and	
	EHDJet.	