
Organic Electronics

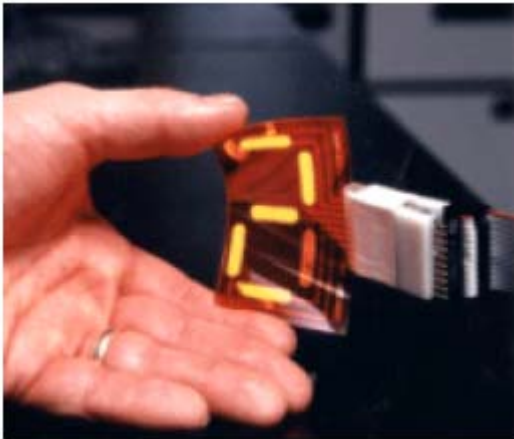
Is the Future of Electronics Organic?

Anthony Waitz
Managing Partner, Quantum Insight

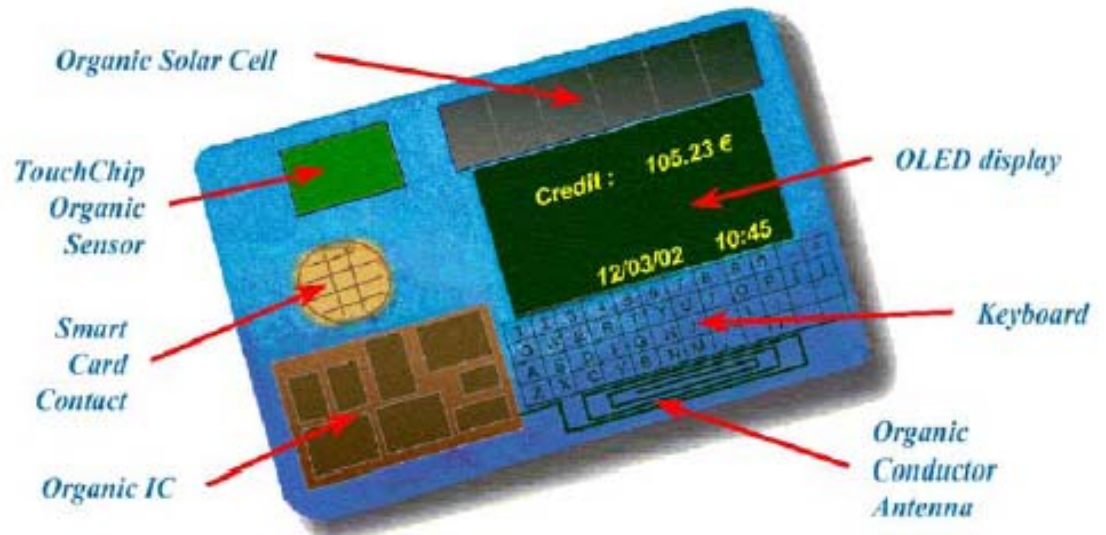
www.quantuminsight.com



Applications



Source: Uniax (DuPont Displays)



Source: Plastic Logic



Source: Raghu Das (IDTech)



Source: Universal Display Consortium



Estimates of Total Available Markets for Flexible Electronics

Segment \ Year	2000	2005	2010	2015
Display	\$6B	\$13B	\$25B	\$40B
Imaging	\$0.2B	\$0.4B	\$0.8B	\$1.3B
Integrated Electronics	\$0.6B	\$0.9B	\$1.2B	\$2B
Smart Card	\$0.1B	\$0.2B	\$0.3B	\$0.6B
Memories	\$0.6B	\$1.2B	\$1.5B	\$2.5B
Photonics	\$0.01B	\$0.15B	\$0.42B	\$1B
Bio-Tech	\$0.005B	\$0.02B	\$0.06B	\$0.16B
Solid State Lighting	\$0B	\$0B	\$0.5B	\$5B
TOTAL	\$7.65B	\$15.42B	\$29.78B	\$52.56B

Source: Magnus Ryde (FlexICs)



Tonight's Panel

- ◆ **Dr. Campbell Scott**, Research Staff Member, IBM Almaden Research Center
- ◆ **Professor Peter Peumans**, Assistant Professor, Electrical Engineering and Robert N. Noyce Faculty Scholar, Stanford University
- ◆ **Professor Zhenan Bao**, Associate Professor of Chemical Engineering, Stanford University
- ◆ **Dr. Robert Jan Visser**, Chief Technology Officer, Vitex Systems Inc.

