



Symposium to commemorate 50 years of LCD Research

Thursday, June 7th 2018

10.30 – 16.00

Prince Philip House, Royal Academy of Engineering, London

On Tuesday, 28th May 1968, at their headquarters in the Rockefeller Building in New York, RCA announced the world's first Liquid Crystal Display, based on the work of George Heilmeyer and his team. Although RCA were to drop the R&D programme a few years later, this announcement stimulated researchers in the UK and Japan to instigate their own LCD research programmes, researchers that directly led to the success of the LCD seen today. This special event will include speakers involved in those early events, as well as those currently researching the next generation of LCD and related display technologies.

Confirmed Speakers include:

Cyril Hilsum, CBE, FRS, FEng. Chief Scientist at RSRE who set up collaboration between RSRE, Hull and BDH that led to the world's first stable room temperature liquid crystal, and was instrumental in using amorphous silicon for TFT in LCD.

Martin Schadt, Inventor of the Twisted Nematic Display that created the industry, as well as making fundamental contributions to photo alignment.

Peter Raynes, FRS. Made many of the key early inventions in LCD at RSRE, including the rules for producing wide temperature LCs, defect free alignment of the TN and the Supertwist Nematic LCD.

Phil Bos, Inventor of the pi-cell LCD and major contributions to non-display applications of LC, notably in the field of liquid crystal lenses and adaptive optics; long standing member of the Glenn Brown Institute at Kent, Ohio.

Henning Sirringhaus, FRS. Pioneer of Organic TFT for display applications, and founder of Plastic Logic and Eight19.

Refreshments and Lunch will be provided. An exhibition will also be held, including demonstrations from our sponsors.

Symposium, lunch and exhibition early registration prices: £80. SID Members £60. Student and concessions £50. Places currently limited to 60 attendees, so please register and pay using these links in order to avoid disappointment.

[Registration](#)

[Payment](#)

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