# IFF 2008 to explore the density and intelligence implications for next generation systems

### Dates for diary - October 8 -10 2008, Vienna, Austria

**London, UK, September 23 2008:** Semiconductor analyst Malcolm Penn, Chairman and CEO of industry consultancy Future Horizons, will be hosting and presenting the 6<sup>th</sup> annual International System and SoC forum at the Austria Trend Hotel in Vienna. The forum will take an in-depth look at the possibilities opening up to SoC designers as process geometries shrink and the implications of this. Following the success of the 2007 IFF forum in Prague, IFF 2008 features senior executives from some of the world's leading SoC and semiconductor companies.

"The human brain contains around 10,000 million cells, each with up to 1,000 connections. Up against such enormous numbers, engineers used to dismiss the possibility of making a machine with human-like ability. At 32nm with 3D packaging and more layers of metal, this will no longer be the case. For the first time we will be able to design applications similar to the way the brain works," said Penn. "The current ITRS roadmap looks at 6nm structures by 2022 – by this time silicon based systems may even surpass their human creators. This forum will provide a fantastic insight into the future of SoC design, and the latest technologies and trends being developed."

The forum registration will open on Wednesday with a cocktail reception followed by a welcome dinner. Future Horizons' events are highly regarded throughout the industry as some of the best for networking – and the forum fiesta on the Thursday night promises to be the forum's social highlight.

To find out more about the forum, please visit <u>http://www.futurehorizons.com/</u>. To obtain a complimentary copy of the latest Future Horizons Global Semiconductor Monthly Report, which has further predictions and analysis, please email <u>mail@futurehorizons.com</u>.

#### Ends

#### **About Future Horizons**

Established in April 1989, Future Horizons provides market research and business support services for use in opportunity analysis, business planning and new market development. Its industry information seminars and forums are widely considered to be the best of their kind.

Emphasis is placed on the world-wide semiconductor and electronics industry and associated markets.

## **Editorial contacts:**

Darren Willsher/Andrew Shephard EML futurehorizons@eml.com +44 (0)208 408 8000