



## **Foreword**

On behalf of the Supervisory Board of the Electromagnetic Remote Sensing Defence Technology Centre (EMRS-DTC), I would like to extend a warm welcome to all participants in our 2<sup>nd</sup> Annual Technical Conference.

The EMRS-DTC has entered the third year of its funding contract with the UK MoD, and the Managing Consortium, led by BAE SYSTEMS, has recently been advised that the original three year contract will be extended for a further three years to 2009.

The primary objective of this Conference is to enable the researchers working on EMRS-DTC funded projects to bring you up to date with their progress within the limitations of an unclassified event. A valuable lesson learned from our 1<sup>st</sup> Conference has been the importance placed by you on being able to interact both with the presenters and your fellow delegates, and we have structured our programme to facilitate this.

Although the funded programmes are conducting work at a low technology maturity level, the EMRS-DTC emphasises the need to consider possible exploitation routes from the earliest stage. We encourage you to use the Conference to interact with the researchers to stimulate ideas for future research direction, and to consider how the fruits of their research might be exploited to the advantage of the UK.

This year we are emphasising the two key sensor system threads of the EMRS-DTC, RF and EO, by holding two parallel sessions, each of which includes papers on relevant projects from the Transduction Devices & Materials (TDM) and Transducer Embedded Processing (TEP) Themes. The Session Chairmen will endeavour to ensure that the start times of papers are adhered to so that delegates can move discretely between the two sessions, choosing projects that most interest them.

And, of course, we hope that you enjoy your stay in historic Edinburgh.

Brian Wardrop

EMRS-DTC Research Director

