



**Radar Short Course on
Weather Radar Clutter Over Land And Sea ”
29th September – 1st October 2009 in Pisa, ITALY
held by Prof. C. G. Collier
and Prof. Frank Marzano**

Ladies & Gentlemen,

SELEX-Gematronik is presenting again a radar short course, 2009 with the topic “**Weather Radar Clutter Over Sea and Land**”, which takes place on **29th September – 1st October 2009 at Pisa, Italy**.

The Short Course will be held by **Prof. Chris G. Collier**, National Centre for Atmospheric Science, UK as well as by **Prof. Frank Marzano**, Sapienza University of Rome and experts from **DCP**, Department of Civil Protection, Rome, Italy.

The goal of the course will outline the **different types of clutter echoes**. We will show the **number of techniques which have been developed to minimize the impact of ground echoes** known as ‘clutter’ ranging from simple maps to avoid cluttered areas to procedures using the polarisation characteristics of radar. We will discuss the **available techniques demonstrating their success and limitations**.

During the course SELEX-Gematronik will arrange a **visit to the site of most recently commissioned** weather radar for the Department of Civil Protection (DCP) in Italy. The radar, a METEOR 650C, is located on Mt. Crocione near Pisa at an altitude of 1050m. On site we will have the opportunity to participate in a lessons-learned session with experts from DCP who will share personal experiences about site construction, installation processes and every day operation.

Please refer to the attached information for further details on the Radar Short Course.

For organizational purposes of the Radar Workshop an early reply is highly appreciated. We would welcome your positive reply until to the **31st July, 2009**. Please note that the number of participants to this Workshop is limited to approx. 50 persons due to the practical parts and the extraordinary site visit to Mt. Crocione

Please contact Annette Mohr at +49-2137-782214 or via e-mail: a.mohr@gematronik.com.

Assuring you of our best attention at all times, we look forward to meet you in Pisa, Italy.
Sincerely yours,

Ulrich Nellen
General Manager

April 15th, 2009