

You are cordially invited to attend the

TICRA workshop on satellite communications antenna design and consultancy

The workshop will be held on *Monday 12th of April from 14.30 to 18:20* in room 128.

The objective of the workshop is to design together with the participants an antenna for satellite communications, that fulfils the typical and demanding constraints met in real life. The presenters will be Dr. M. Lumholt, R. Jørgensen and Dr. C. Cappellin.

In the second part of the afternoon all TICRA experts present at EuCAP2010 will be available to discuss detailed software capabilities and consultancy problems.

Programme for the workshop:

Part 1, 14:30-16:10

- Agenda of the workshop (5 min)
- Short presentation of TICRA (5 min)
- Brief overview of TICRA software (10 min)
- Real time design and analysis of a typical satellite telecommunications antenna:
 1. Design of contoured beam antenna using the POS5 software (20 min)
 2. Design of the corrugated feed horn using the CHAMP software (30 min)
 3. Detailed analysis of the antenna geometry using the GRASP9 software (20 min)
- Overview of available add-ons for GRASP9 (10 min)

Part 2, 16:40-18:20

Face-to-face discussion with interested conference participants on software capabilities and consultancy problems (<100 min)