EITN90 Radar and Remote Sensing

Course information

- ❏ 7.5 credits, vt1
- ❏ Theoretical lectures and practical workshops
- ❏ Labs using simple and advanced radars
- ❏ Examination by designing a radar system for a specific application
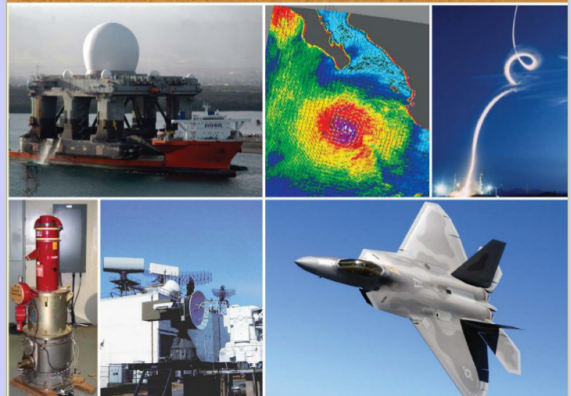
Learn about

- ❏ Radar system blocks
- ❏ Wave propagation
- ❏ Scattering theory
- ❏ Detection algorithms
- ❏ Stealth technology

Applications of radar

- ❏ Speed measurements using Doppler effect
- ❏ Weather monitoring
- ❏ Air traffic control
- ❏ Remote sensing of Earth and planets
- ❏ Gesture recognition

PRINCIPLES OF **MODERN RADAR**

BASIC PRINCIPLES

Mark A. Richards, James A. Scheer, William A. Holm (Editors)

Available as a free e-book!

Photo: ESA