

## **COURSE LITERATURE**

# **Optics- and Radar-based Observations 7.5 credits F7003R**

**Optik- och radarbaserad observationsteknik**

**Course literature admitted: Spring 2016 Sp 4 - Present**

**DECISION DATE  
2016-01-11**

Mark A. Richards, James A. Scheer, William A. Holm, Principles of Modern Radar, Vol.1, Scitech Publishing Inc., 2010, ISBN 978-1-891121-52-4

Röttger, The Instrumental Principles of MST Radars and Incoherent Scatter Radars and the Configuration of Radar System Hardware, Handbook for Map, Vol. 30, International School on Atmospheric Radar, p.54-113, 1989.

U. Brändström, The Auroral Large Imaging System Design, Operation and Scientific Results, IRF Scientific Report 279, 2003, ISSN: 0284-1703, ISBN: 91-7305-405-4.

Additional:

M. Skolnik, Introduction to Radar Systems, 3rd edition, 2001, McGraw-Hill International Editions, ISBN 007-118189-X.

## **Examiner**

Victoria Barabash