

Séminaire Vendredi 22 Juin 11h00 / Seminar Friday June 22, 11:00 AM

Conférencier/Lecturer: Guennadi Kroupnik,
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Sujet/Subject: Continuous imaging over the North Pole: the Polar
Communications and Weather Mission

Presentation: Anglais / English

Lieu/Room: Grande salle du premier étage CMC

Résumé/Abstract:

The current status of CSA's Polar Communications and Weather Mission (PCW) is presented. Two satellites in a highly elliptical orbit (HEO) referred to as Molniya (12 hr orbits with slow passage north of 45 N) will provide continuous radiance observations over the North Pole much in the same way as a geostationary satellite would do. CSA has started a competitive process to select an industrial contractor to conduct a Phase 0 study, which will define the various mission parameters as well as alternative scenarios. The level of complexity of the Phase 0 tasks is presented. Other aspects of the presentation include: funding, the involvement of federal departments such as EC and DND, and possible international partnerships.