

**Webinars - To attend the online lectures, you can register here:**

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1 h lecture	Wed. 1st October	Thu. 2nd October	Thu. 9th October	Fri. 10th October
<b>10h00-11h00 CET</b>	Overview information on atmospheric aerosols and their global modeling, to include physics, chemistry, processes, and impacts. <i>S. Rémy, HYGEOS</i>	Aerosol Assimilation, incl. IASI Dust. <i>M. Ades, ECMWF-CAMS</i>	Earth Care Instrument & Data, incl. CAMS comparison. <i>A. Hoffmann, ESA</i>	Inversion of sources and application to pyrogenic emissions and organic aerosol precursors. <i>J. Stavrakou, BIRA-IASB</i>
<b>14h00-15h00 CET</b>	Mineral dust AOD and profiles retrieved from satellite thermal infrared observations by IASI. <i>S.Vandenbussche, BIRA-IASB</i>	Aerosol monitoring from Sentinel-4, Sentinel-5 and 3MI: Instruments overview and data products. <i>R. Lindstrot, EUMETSAT</i>	Stratospheric aerosol (general). <i>V. Sofieva, FMI</i>	ML applications with respect to aerosols. <i>O. Hasekamp, SRON</i>