

# NoSAG 2021 - program

*Friday July 23, 2021*

08:00 - 09:00	<i>REGISTRATION</i>
09:00 - 09:30	<b>Vincenzo Carbone</b> – <i>“Turbulence in space plasma”</i>
09:30 - 10:00	<b>Lorenzo Galleani</b> – <i>“Time-frequency analysis: a tool for both signals and systems”</i>
10:00 - 10:30	<b>Sébastien Wouters</b> – <i>“A fast EEMD algorithm and decomposition quality criteria for paleoclimate signal analysis”</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	<b>Massimo Materassi</b> – <i>“Spaceweather, the question is not smooth: dealing with local roughness in geospace dynamics”</i>
11:30 - 12:00	<b>Patricia Diaz de Alba</b> – <i>“The minimal-norm RKHS solution of a system of first kind integral equations in applied geophysics”</i>
12:00 - 12:30	<b>Stefano Sfarra</b> – <i>“Introduction to infrared termography: a short review of the main “image processing” currently used”</i>
12:30 - 14:30	<i>Lunch break</i>
14:30 - 15:00	<b>Luca Spogli</b> – <i>“Recent results and future challenges in ionospheric research addressed with modern signal processing techniques”</i>
15:00 - 15:30	<b>Zhaohua Wu</b> – <i>“Spectral analysis of a time series: from additive perspective to multiplicative perspective”</i>
15:30 - 16:00	<b>Quingtang Jiang</b> – <i>“A direct time-frequency method for component recovery of multicomponent non-stationary signals”</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 16:45	<b>E. Spinosa</b> – <i>“An EEMD based denoising strategy for force measurements in water entry experiments”</i>
16:45 - 17:00	<b>G. Pucciarelli</b> – <i>“Seismic Tomography of Southern Tyrrhenian by means of teleseismic data”</i>