

H2020-INFRAIA-2019-1



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Co-ordinator: Prof Nigel Mason, University of Kent

1. Nature: D

2. Dissemination level:

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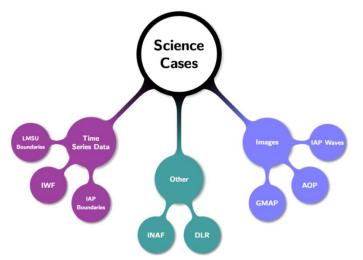
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Executive Summary / Abstract:

List of all repositories including the dataset of Time-based Signal Analysis and Classification Tool.



1. Time Series Data Repositories and Demonstrators

Number	Science Case	Overview/Description
1.	IAP Boundary Crossings	 Data: WHISPER spectrograms, FGM total magnetic field, CIS-HIA ion density, speed and energy spectrum ML technique: supervised, CNN Link Repo: <u>https://github.com/epn-ml/Tutorial_IAP_Boundaries</u>
2.	Chorus Wave Segmentation	 Data: magnetic spectra ML techniques: active learning, supervised, segmentation, FPN Link Repo: <u>https://github.com/epn-ml/Chorus-Wave</u>
3.	ICME Detection	 Data: Space craft WIND, STEREO A, STEREO B ML technique: supervised, segmentation, ResU-Net++ Link Repo: <u>https://github.com/epn-ml/IWF-ICMEs</u> Link Explore: <u>https://gitlab.acri-cwa.fr/project-explore/europlanetml/02_icme_detection_classification</u>