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Type: **Panel discussion**

Innovation affecting CTBT: pertinent to IDC data analysis; needs, ideas and implementation pathways

Wednesday, 30 June 2021 14:45 (1h 30m)

The purpose of this panel is to generate discussion about how data and data analysis approaches can improve IDC processing, and how to go about introducing new approaches at the IDC. It will leave participants with a better understanding of where data analysis improvements are still desired by the PTS, what new tools are emerging which might be intriguing to apply to our scenarios, where new analysis approaches have made a big difference, and how things need to be tested in order to facilitate ease of acceptance at the IDC.

Themes in data analysis include moving from parameters to full waveform, using machine learning and pattern-recognizing approaches, and improving understanding of uncertainties. Discussion will include focus on these themes, and also on data-fusion applications, new pipeline paradigms, and cases where improvements in multiple areas may have non-linear improvements.

Promotional text

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