ID de Contribution: **58** Type: **Non spécifié**

Fast astrophysical multi-messenger astrophysics with DWF

mardi 15 novembre 2022 14:00 (30 minutes)

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The Deeper Wider Fast Programme (DWF) aims to discover and rapidly follow up the fastest bursts in the Universe (those lasting only milliseconds to hours). For this, we execute a main strategy comprised of coordinated international multi-facility, all-wavelength, and multi-messenger telescope observing runs to detect and follow up fast transient events.
I will present the challenges, opportunities, and preliminary results of the DWF main strategy for a variety of fast transients such as FRBs, GRBs and KNe. I will then discuss alternative strategies such as fast follow-up triggering, search for orphan and coincident multi-messenger transients.
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Screenreader-Unterstützung aktivieren

Orateur: MÖLLER, Anais (Swinburne University)

Classification de Session: Conference day