

# Lessons learned from multi-messenger models of active galaxies

*mardi 15 novembre 2022 11:00 (30 minutes)*

Evidence is pointing more and more clearly to blazars and other active galaxies as significant multi-messenger sources.

In this talk I summarize some of the latest developments in the modeling of cosmic-ray interactions in blazars and how these models can explain recent associations between IceCube events and individual sources. I also discuss the predicted flare signatures across the electromagnetic spectrum and the implications for neutrino source searches with the next generation of multi-wavelength experiments.

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**Classification de Session:** Conference day