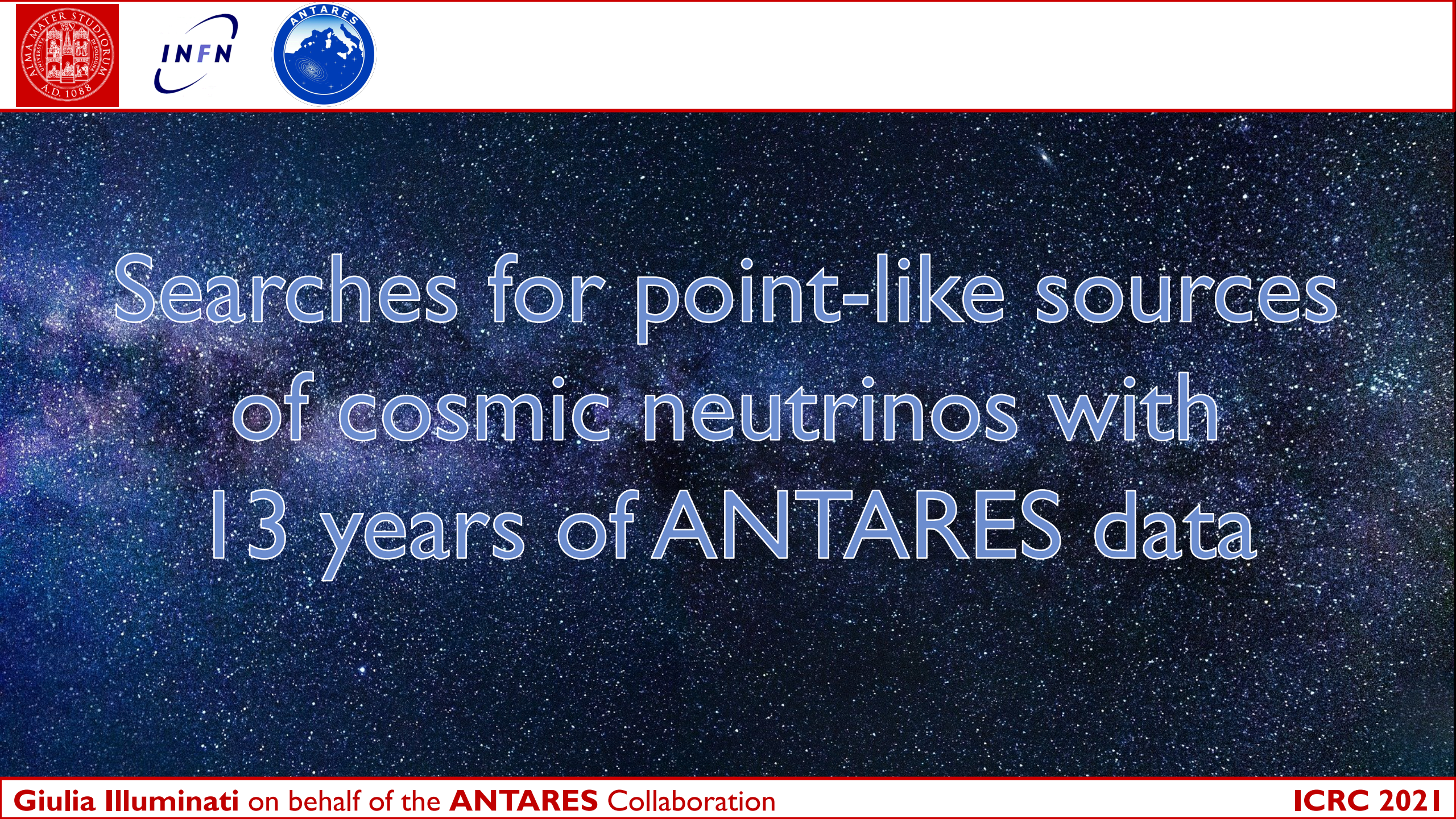
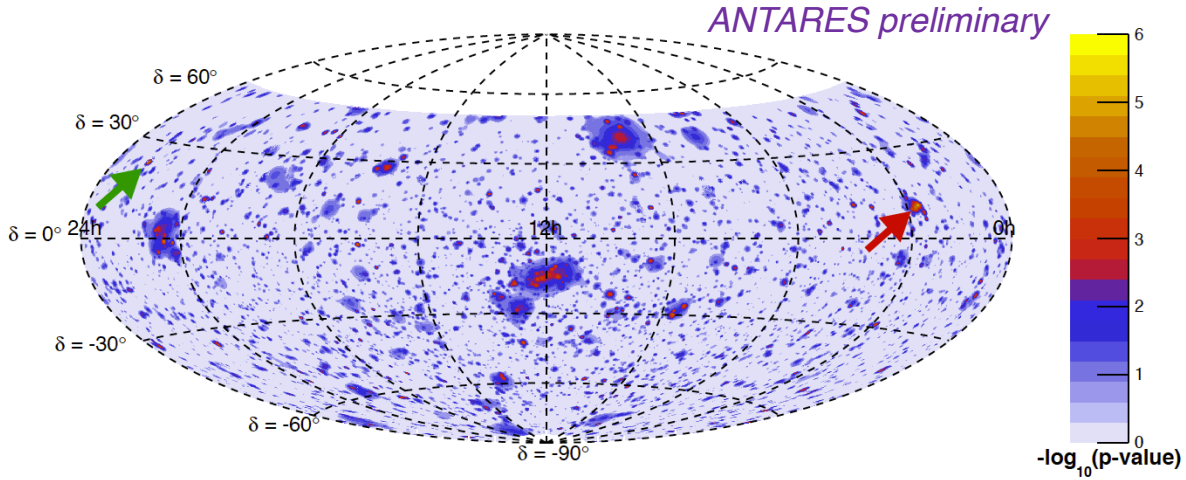


Giulia Illuminati on behalf of the **ANTARES** Collaboration

Data set:

Period: from Jan 2007 to Feb 2020
Livetime: 3845 days
Events: **10162 tracks** and **225 showers**

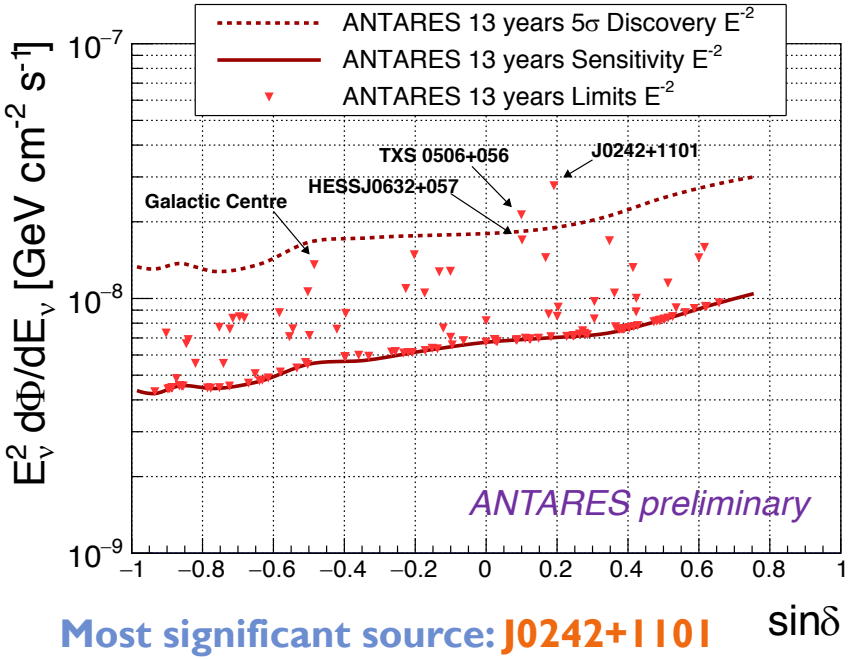
Full-sky search



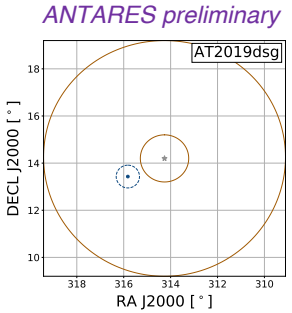
Full-sky hotspot
pre-trial p-value: of 6.8×10^{-6} (4.3σ)
post-trial p-value: of 48%

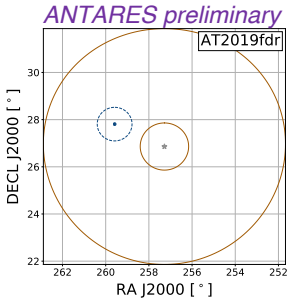
Candidate-list search:

121 investigated sources



Most significant source: J0242+1101
pre-trial significance: 3.8σ
post-trial significance: 2.4σ





Search at the tidal disruption events AT2019dsg and AT2019fdr

Source		Results						
Name	γ	$\hat{\mu}_{sig}$	p-value	$\Phi_0^{90\%C.L.}$ sensitivity	$\Phi_0^{90\%C.L.}$ limit	$\mathcal{F}^{90\%C.L.}$ sensitivity	$\mathcal{F}^{90\%C.L.}$ limit	$\log(\frac{E_{min}}{GeV})$ - $\log(\frac{E_{max}}{GeV})$
AT2019dsg	2.0	< 0.1	12.4%	7.3×10^{-8}	1.0×10^{-7}	14	19	3.6 - 6.6
	2.5	0.2	10.2%	1.5×10^{-5}	2.2×10^{-5}	29	43	2.8 - 5.5
	3.0	0.7	8.9%	1.2×10^{-3}	2.0×10^{-3}	230	380	2.1 - 4.7
AT2019fdr	2.0	0.5	6.7%	8.5×10^{-8}	1.3×10^{-7}	15	23	3.6 - 6.6
	2.5	0.5	7.9%	2.1×10^{-5}	3.0×10^{-5}	39	55	2.8 - 5.5
	3.0	0.6	9.1%	2.0×10^{-3}	3.0×10^{-3}	360	540	2.1 - 4.7