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## Searching for sources of high-energy neutrinos with Swift

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The IceCube high-energy neutrino observatory has reported a  $6.5\sigma$  discovery of the first high-energy astrophysical neutrino candidates. However, the nature of the sources responsible for these neutrinos – potentially also the sources of the highest-energy cosmic rays – is still unknown and no high-confidence counterparts to any of the neutrino events have been yet identified. If the sources producing these highest-energy cosmic neutrinos are transient, they may be identifiable in rapid-response observations at Swift. We will present our proposed program that carries out prompt searches for X-ray and UV/optical counterparts to IceCube neutrinos with Swift.

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