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## Cataloging the dynamic sky with the TESSELLATE Sky Survey

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In the last seven years the *TESS* space telescope has observed thousands of fast transients that have gone undetected, until now. With the TESSELLATE pipeline we are now searching all of the high-cadence Full Frame Images (FFIs) recorded by *TESS* for transient and variable phenomena. From processing less than 10% of the data from *TESS*, we have generated millions of detections which include asteroids, stellar flares, variable stars, novae, dwarf novae, gamma-ray bursts and other fast transients. Light curves generated by TESSELLATE are vetted and sorted both algorithmically and by citizen scientists with the Cosmic Cataclysms Zooniverse project. Through the work of citizen scientists we have now identified over 5000 transients observed at a 10-minute cadence. In this talk I will present the first release of the open-source TESSELLATE Sky Survey, and highlight key transients discovered by the survey.

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