

# CALIFORNIA INSTITUTE OF TECHNOLOGY

CAHILL CENTER FOR ASTRONOMY AND ASTROPHYSICS

9 July 2018

Dr. Tim Spahr  
IAWN Manager

Dear Tim,

We are writing as Co-PIs of the Zwicky Transient Facility (ZTF), a new NSF-funded large area synoptic sky survey that began formal survey operations in May, 2018 at Palomar. As part of the ZTF Project, we have implemented pipelines for Near Earth Object (NEO) detection and have begun to make submissions to the Minor Planet Center (MPC). With a field of view of  $47 \text{ deg}^2$ , a median R-band sensitivity of  $m_R = 20.4$ , and the ability to survey over  $3500 \text{ deg}^2$  per hour, ZTF is effective at discovering NEOs.

It is our intention to join IAWN and will contribute to its efforts. We have read the IAWN Charter and understand the obligations of IAWN members.

We look forward to working with you.

Regards,



Thomas A. Prince  
Professor of Physics, Caltech



George Helou  
Director of IPAC