



SOCIETA' ASTRONOMICA "G. V. SCHIAPARELLI"
CENTRO POPOLARE DIVULGATIVO DI SCIENZE NATURALI
associazione senza scopo di lucro fondata da Salvatore Furia nel 1956 - costituita il 5 febbraio 1963
"OSSERVATORIO ASTRONOMICO "G.V. SCHIAPARELLI"



Dr. Tim Spahr
IAWN manager

Varese, 2020 Apr. 28th

Dear Tim,

with the present letter I express my intention to join the International Asteroid Warning Network (IAWN).

Our Observatory was built in 1964 with the purpose to "*built a bridge between Science and the people*", and there are thousands of people visiting our facility each year. I work there conducting educational activities.

In 2001 we obtained our MPC code (204) and I started to use the biggest telescope of the Observatory (0.60-m reflector) to perform astrometry of comets. In the years I slowly switched my interest in the astrometry of NEOs.

In 2017 we installed one of the biggest amateur telescopes in Italy, a 0.84-m f/3.5 reflector equipped with a 4096x 4096 @ 9 micron CCD camera, with a FOV of 42' x 42' with a pixel scale of 1.86"/pixel (binned 3x3).

Even if the Observatory is located 1230m a.s.l., we suffer a lot of light pollution from nearby cities (Milan is 40km away), and in clear nights our SQM value ranges from 20.3 to 20.5.

Even with these limitations we can usually reach mag. 21 V, and pushing the exposure time we can reach a limiting magnitude of 22 V in parts of the sky with the lowest light pollution.

Since the end of 2019 the telescope is completely remotely controlled, and this has increased tremendously the number of useful nights per year, and we hope to give our contribution in this field for many years to come.

Sincerely,
Luca Buzzi