

**2019 Conference Proceedings**

TeX Users Group  
Fortieth annual TUG meeting  
Palo Alto, California, USA  
August 9–11, 2019

# TUGBOAT

COMMUNICATIONS OF THE T<sub>E</sub>X USERS GROUP

TUGBOAT EDITOR      BARBARA BEETON

PROCEEDINGS EDITOR      KARL BERRY

VOLUME 40, NUMBER 2, 2019  
PORTLAND, OREGON, U.S.A.