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Lee A. Breakiron, Editor
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14. ABSTRACT

This document is a compilation of technical papers presented at the 42nd Annual Precise Time and Time Interval (PTTI) Systems and Applications Meeting held 15-18 November in Reston, Virginia. Papers are in the following categories:
- Recent developments in rubidium, cesium, and hydrogen-based atomic frequency standards, and in trapped-ion and space clock technology;
- National and international applications of PTTI technology with emphasis on GPS and Galileo timing, atomic time scales, time transfer, and telecommunications;
- Applications of PTTI technology to evolving military navigation and communication systems; geodesy; aviation; and relativity;
- Dissemination of precise time and frequency by means of GPS, geosynchronous communication satellites, computer networks, and WAAS.

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