

Gödel - Philosophy, Logic, and Mathematics

Tom Hilburn

Life Long Learning Program

Wednesday, December 13, 2017, 4:00—5:30

Unitarian-Universalist Congregation

56 N. Halifax Dr, Ormond Beach, FL



This program will discuss aspects of philosophy, logic, and mathematics, concentrating on the relationship between the philosophical concept of “truth” and its use in logic and mathematics. The talk will demonstrate how mathematicians use deductive logic to prove the truth (or falseness) of mathematical statements. Finally, there will be discussion of the remarkable life of the mathematician Kurt Gödel, and how he shattered the conventional view of establishing truth in a mathematical system.

Tom Hilburn is a Professor Emeritus of Software Engineering and a Distinguished Engineering Professor at Embry-Riddle Aeronautical University and was a Visiting Scientist at the Software Engineering Institute, Carnegie-Mellon from 1997 – 2009. In addition to teaching mathematics, computer science and software engineering, he has worked on software engineering education and research projects with the FAA, the MITRE Corporation, NSF, DOD, and the IEEE Computer Society.