



Dr. [Tuncer Ören](#), Emeritus Prof. of Computer Science, University of Ottawa, Ontario, Canada.

**Active** in modeling and simulation (M&S) since 1965, in computer science since 1963.

**Research areas:**

- (1) advancing modeling and simulation methodologies;
- (2) agent-directed simulation (full synergy of agents and simulation, including agent-monitored simulation, agent-initiated simulation, and agent-supported simulation);
- (3) agents for cognitive and emotive simulations, including representations of human personality, emotions, emotional intelligence, understanding, sources of misunderstanding and conflict;
- (4) reliability, quality assurance, failure avoidance, and ethics; as well as
- (5) body of knowledge and
- (6) terminology of modeling and simulation.

He has over 600 [publications](#) –some translated in Chinese, German and Turkish;

including 65 [books and proceedings](#)

Contributions to over 500 [conferences & seminars](#); in ~ 40 countries.

**Some of his awards and distinctions:**

**Canada:** [Golden Award of Excellence](#) - International Institute for Advanced Studies in Systems Research and Cybernetic. He has been recognized, by IBM Canada, as a [pioneer of computing in Canada](#).

**India:** [Lifetime Achievement Award](#) (Overseas) by International Academic and Research Excellence Awards.

**Turkey:** *Lifetime Service Award* from the Turkish Informatics Society (2919). *Information Age Award* from the Turkish Ministry of Culture and an *Honor Award* from the Language Association of Turkey.

**USA:** Dr. Ören is an [SCS fellow](#); was inducted to SCS Modeling and Simulation [Hall of Fame](#) –*Lifetime Achievement Award*.

**International:**

[A book about him](#) (2015): L. Yilmaz (ed.) Concepts and Methodologies for Modeling and Simulation: A Tribute to Tuncer Ören, Springer.