



[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);
- (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 540 [publications](#) –some translated in Chinese, German and Turkish;

including 53 [books and proceedings](#)

Contributions to [conferences & seminars](#): over 500; (~ half as invited/honorary) in ~ 40 countries.

Some of his **awards** and **distinctions**:

USA: He is an [SCS fellow](#); was inducted to SCS Modeling and Simulation [Hall of Fame](#) – *Lifetime Achievement Award*. He is a *distinguished lecturer*, an, and [AVP for ethics](#).

Canada: He has been recognized, by IBM Canada, as *a pioneer of computing in Canada*.

He is the *funding chair emeritus* of the Executive Committee of the Chairmen of the Canadian Computer Science Departments.

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.

International:

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

IIASA [Alumni News](#) (15 June 2016).