

INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING FOR THE SIMULATIONIST

Amy Greer and Martin Franklin

MOSIMTEC, LLC
297 Herndon Parkway, Suite 301
Herndon, Virginia, USA

ABSTRACT

In this session MOSIMTEC introduce attendees to the basic principles of object-oriented modeling, design, and implementation of simulation models. Object-oriented-programming (OOP) allows for developing models faster, reusing models and components, and lower cost of ownership. We'll review how OOP is being applied in modern discrete-event-based simulation packages and how a simulationist can take full advantage of object-oriented-programming for enhanced system abstraction.