

# INTERNATIONAL CMSA2018

2018 INTERNATIONAL CONFERENCE ON  
COMPUTER MODELING, SIMULATION AND ALGORITHM

April 22-23, 2018, Beijing, China

## Introduction

2018 International Conference on Computer Modeling, Simulation and Algorithm (CMSA2018) will be held on April 22-23, 2018 in Beijing, China.

CMSA2018 invites computer modeling, simulation and algorithm papers that are both theoretical as well as practical in nature, from both academia and industry.

We look forward to welcoming you to Beijing, China and offering attendees the perfect blend of stimulating scientific exchanges and rich cultural experiences during the CMSA2018.

Welcome to view more details from the website:

<http://www.cmsa2018.org>

## Submission

Welcome to submit to CMSA 2018 via Email:

[cmsa2018@sina.com](mailto:cmsa2018@sina.com) or [sub@cmsa2018.org](mailto:sub@cmsa2018.org)

The Email subject is suggested to be named as "Submission+Name+Tel"

Note: Regular papers are allowed to 4 pages. Extra pages(exceed 4 pages) will incur additional charges.

## Publication

All accepted papers for CMSA2018 will be published by Atlantis Press on Advances in Intelligent Systems Research (ISSN 1951-6851), which will be submitted for indexing by EI Compendex, CPCI-S (formerly called ISTP), Scholar Google and CNKI. CMSA2018 will also be online available in full text via the press platform.

## Agenda Overview

April 22, 2018

Registration and Conference Material Collection

April 23, 2018

Keynote Speech and Oral Presentation Sessions

## Contact us

Official Email: [cmsa2018@sina.com](mailto:cmsa2018@sina.com)

[sub@cmsa2018.org](mailto:sub@cmsa2018.org)

Tel: +86-13554135875

## Call for Papers

### Topics 1: Computational Modelling and Simulation

High Performance Computing & Simulation  
Information and Scientific Visualization  
Intelligent Computing and Simulation Technology  
Internet, Web and Security Visualization  
Computing and Simulation Applications in Education  
Computing and Simulation Applications in Military Field

Databases and Visualization

### Topics 2: Optimization Methods

Linear and Nonlinear Optimization  
Integer and Combinatorial Optimization  
Convex and Nonsmooth Optimization  
Global Optimization

Semi-definite Optimization

Semi-infinite Optimization

### Topic 3: Computing Methods and Advanced Computing

High Performance Computing  
Pervasive Computing  
Cloud Computing  
Aspect Oriented Programming  
E-learning/ E-Governance  
Software Engineering / Metrics / Testing  
Cyber Security

Knowledge Management & Ontology

### Topic 4: System Modelling and Simulation Technologies

Agent Based Simulation  
Application of Simulation Software  
Application of Modelling and Simulation  
Application Technology  
Biomedical Visualization and Applications  
Bond Graph Modelling  
CAD/CAE/CAM/CIMS/VP/VM/VR

### Topic 5: Statistics

Probability Theory  
Stochastic Processes  
Simulation, Parametric and Nonparametric Inference  
Multivariate  
Bayesian Inference  
Regression Analysis Estimation Theory

### Topic 6: Application Domains

Automotive Industry  
Chemical and Petroleum Engineering  
Military and Defense  
Construction Engineering and Project Management  
Telecommunication Systems and Networks  
Energy and Power Systems  
Electronics Design and Manufacturing