

This volume contains 20 carefully selected papers by 71 authors from several universities and 10 keynote abstracts from our invited speakers. These papers were accepted in the 1st International Conference on Information Technology (CITI 2012) held in September 19-21, 2012, in Colima, state of Mexico.

The papers present the most recent developments in a range of areas related to information technology. They are arranged into the grand challenges of the ICT network (RedTIC) of the National Mexican Science Council (CONACYT):

- Relevant information for decision making
- ICT for biomedicine
- ICT and education in the XXI century
- Security and transparency
- Intelligent Environments for problems of large cities
- Knowledge-based services for citizens

We hope that the CITI 2012 proceedings will be fruitful for the scientific community.

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"La Técnica al Servicio de la Patria"



Advances in Information
Technology

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Carlos Alberto Flores Cortés
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(Eds.)

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