

The Center for Information Technology Research (CITR) is a multi-disciplinary research unit.

CITR's Purpose

Create, establish and maintain IT research in the institution's campuses to enhance its performance statewide, nationwide, and worldwide.

Promote student and faculty interest in the study and research in IT;

Strengthen academic units towards their accreditation (ABET, AACBS...).

Identify and rationalize the capabilities of the institution to conduct graduate programs at MS, PhD level;

Advance the state of current research and practice in IT.

Provide the community with a forum for interdisciplinary work on IT related issues.

Enhancing the performance of individuals involved in the CITR activities.

Attract researchers and practitioners from Academia, Business, Industry, and Government into IT related projects.

Take advantage of the status of the institution by heavily contracting with US government agencies and private sector.

The Center expects to be supported by the hard work of its members in prospecting finances through grants, contracts and partnerships.

Pierre F. Tiako, PhD
Director

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Lecture Series

Generating New Course Material from Existing Ones

12•04•2007
call Ms. Nicole, x3278 to enroll

*Jones Hall 300
9:30am*



Langston University
Center for Information Technology Research
Langston, OK 73050
405.466.3474 • pftiako@lunet.edu

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Langston University's

CITR

Center for Information
Technology Research

Lecture Series

Generating New Course Material from Existing Ones

Vincent Oria, PhD
Associate Professor
School of Computing
New Jersey Institute of
Technology



December IT Lecture Series

ABSTRACT

Creation of appropriate educational content is a major challenge and cost factor in the increasingly important areas of on-line and life-long learning. The aim of this lecture is to present how a new course can be created by recomposing parts extracted from existing annotated course materials. Course materials comprising a variety of learning objects (slides, video, audio, textbook, etc.), are gathered, decomposed into elementary learning fragments, appropriately annotated, indexed, and stored. They are further augmented with course structures and dependencies (prerequisite and precedence).

Tentatively, Dr. Oria's talk will also include, but not be limited, to the following from NJIT perspectives:

- 1) NJ education system and Universities
- 2) NJIT history and Programs
- 3) Computing Education
- 4) Graduate Programs in Computing
- 5) Graduate Program admissions in Computing/ Criteria/ Financial Aid/ Opportunities for Minorities
- 6) Enrollment/ graduation rate in computing
- 7) Computing Research

Dr. Oria, an International Faculty, who has served in several faculty search committee and who has been recently promoted and tenured would like to share his experiences with us by discussing with LU Faculty the below items from NJIT perspectives.

- 1) Hiring/Promotion/Tenure Process
- 2) Job Offer/Salary Negotiation
- 3) Merit Raise/ Discretionary Raise/ Salary Adjustment
- 4) Promotion and Tenure for International Faculty
- 5) International Faculty Promotion/Tenure Vs Green Card Application

BIOGRAPHY

Dr. Oria received a M.Eng in 1989 from the Institut National Polytechnique, Yamoussoukro, Côte d'Ivoire (Ivory Coast), a MS in 1990 from Université de Paris VI, France, and a Ph.D. in 1994 in Computer Science from the Ecole Nationale Supérieure des Télécommunications (ENST), Paris, France. He is currently an Associate Professor (with tenure) of CS and IS in the School of Computing in New Jersey Institute of Technology (NJIT) after a tenure-track Assistant Professor position from 2000 to 2006. Prior,



He worked as a Research Scientist at the ENST Paris from 1994 to 1996 before joining Prof. Tamer Ozsu's group at the University of Alberta, Canada as a Post-Doc from 1996 to 1999

where he was the primary researcher of the DISIMA project. He published over 100 papers and reports in Databases and Hypermedia Systems.

LOCATION AND TIME

Jones Hall 300

Tuesday, December 04, 2007: 9:30am

SPEAKER

Vincent Oria, PhD
Associate Professor
School of Computing

New Jersey Institute of Technology

ORGANIZER

Pierre F. Tiako, PhD

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