

# Latin American Computational Intelligence Conference 2019

James Besdek Keynote Speaker

Final Report

11-15/11/2019, Guayaquil, Ecuador

## 1. LACCI Conference objectives

The objective of the Latin American Computational Intelligence Conference was to discuss the state-of-the-art research and developments in Computational Intelligence (Neural Networks, Fuzzy Logic, and Evolutionary Computation), as well as to share the knowledge about Computational Intelligence by presenting the algorithms, mathematical models and their application in different areas, such as pattern recognition, data mining, astronomy, biomedical science and engineering, signal processing, business intelligence, Games, Emergent Technologies, Intelligent Systems Applications, among others

We had 8 keynote speakers, 4 tutorials, 1 doctoral symposium, 3 doctoral proposals presentations, 1 theses competition, 57 guests registered, 42 papers presented, 5 session chairs and 10 organizing chairs.



Figure 1. Registrations



*Figure 2 Authorities, Keynote Speakers, Special Guests*



*Figure 3. Inauguration photograph*

## **2. James Besdek DL CIS Chapter**

Professor Besdek was invited by the Ecuadorian CIS Chapter, with Maria Perez as President.

Professor Besdek arrived at Ecuador during the weekend and stayed at the Sheraton Hotel.

On November 11, Monday, a bus picked him up at 8:00 am to bring him to the ESPOL Campus in Guayaquil. He presented his first tutorial "Basic Pattern recognition, including topics as clustering, attribute extraction and design of classifiers" to 25 people at 8:30. The tutorial finished at 12:30. A bus picked him up and brought him to the hotel.

On November 12, Tuesday, a bus picked him up at 12:00 pm at the hotel and brought him to the ESPOL. His second tutorial started at 12:30. The topic of the second tutorial was "Visual evaluation and clustering in big data". He presented to 30 people. This tutorial finished at 16:30. A bus picked him up and brought him to the hotel.

On November 13, Wednesday, we had the inauguration of the LACCI 2019 Conference. All the keynote speakers were presented during this event. Some pictures were taken with all the authorities from the University and for IEEE Chapter.

On November 14, Thursday, at 9:30, during the keynote speaker session a volunteer, Angel Sappa, Ph.D, presented professor Besdek with his topic "Every picture tells a story", in front of 100 people. A session of questions and answer started at the end of the presentation.

During breaks Professor Besdek share opinions and moments with other students and assistants of the conference.

### **Effective program**

The program included:

- 4 Tutorial Sessions (4 hours)
- 1 Doctoral Symposium (5 hours)
- 3 doctoral proposals presentations
- 1 Theses competition (PhD. Tesis and MSC Theses)
- 8 Plenary/key-speakers Sessions (1 hours each)

### **TUTORIALS**

During the conference professor James Besdek from Melbourne University, Australia presented two tutorials. The tutorials were at the FIEC computer LABS 1 and 2.

Se difundio a nivel latinoamerica, todos lo podian escuchar, un voluntario lo preseno, sesionde preguntas y respuestas, tuvo una entrevista break social

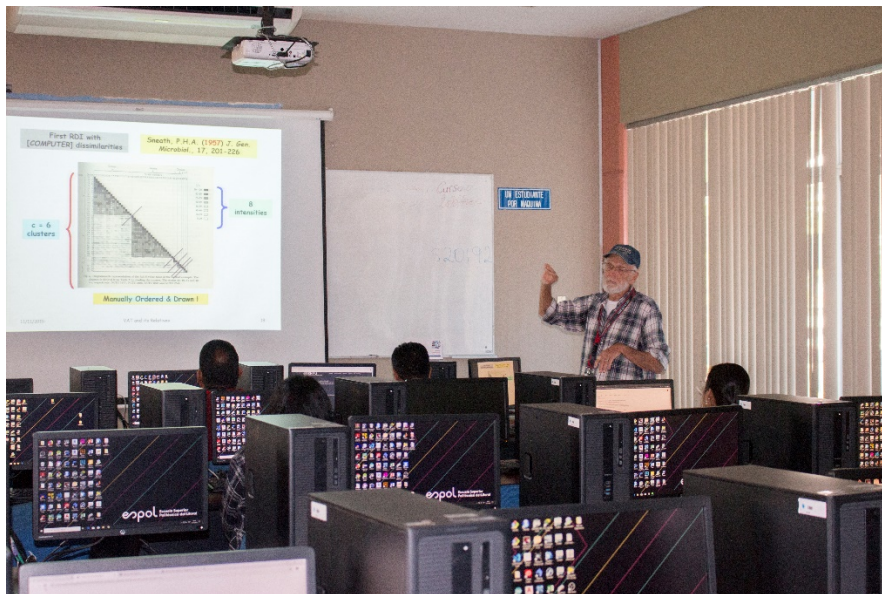
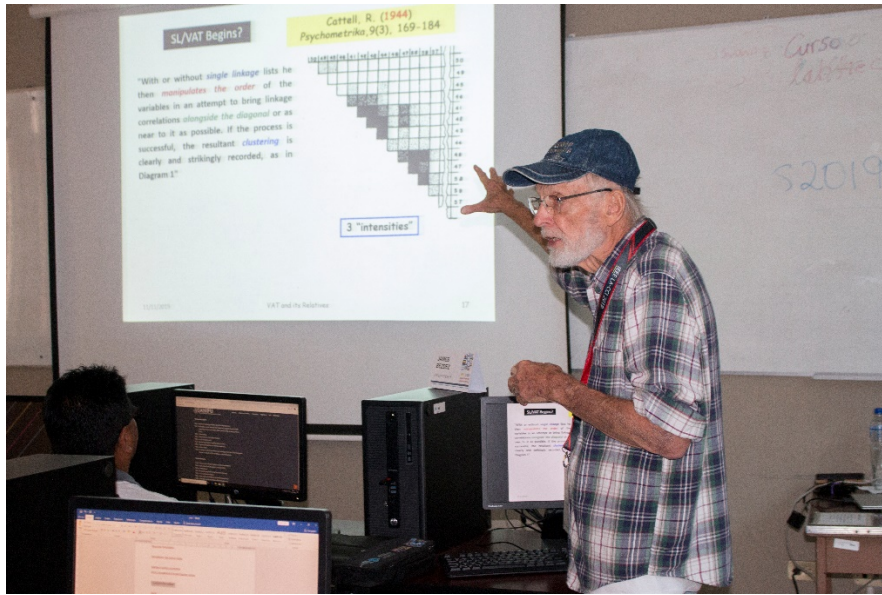
**On November 11, 2019, 8:30 am – 12:30**

**Tutorial 1:** Basic Pattern recognition. Includes clustering, attribute extraction and design of classifiers

**On November 12, 2019, 12:30 am -16:30**

**Tutorial 2:** Visual evaluation and clustering in big data





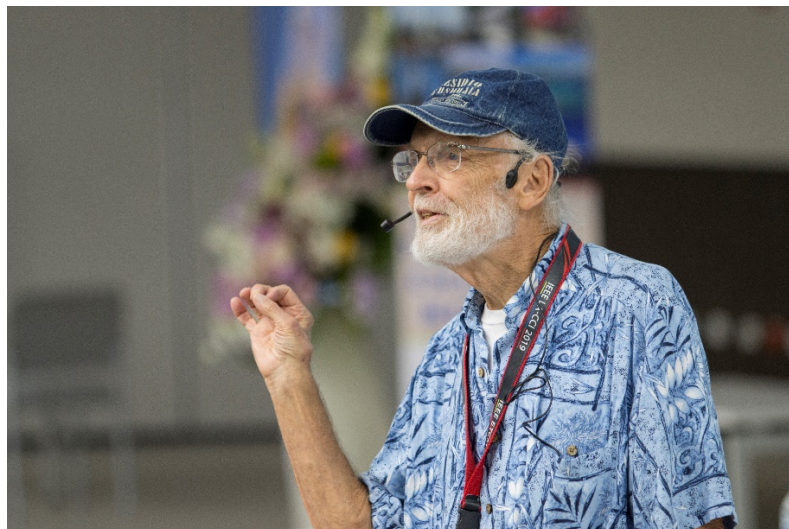
## Keynote Speakers

The Keynote speakers presented during the conference were:

- **Keynote Speaker :Jose Principe, University of Florida**  
**Topic:** What is new to information modeling
- **Keynote Speaker: Ronaldo Menezes, Affiliation: University of York,**  
**Topic:** Chracterisation of structure, concentration and Dynamics of urban crime
- **Keynote Speaker: Fernando Buarque, Affiliation: Universidade de Pernambuco, Brasil**  
**Topic:** Why should we consider computational semiotics
- **Keynote Speaker: James C. Bezdek, Affiliation:University of Melbourne,**  
**Topic: What is new in streaming clustering?**
- **Speaker Zahra Mooussavi:**  
**Topic** Non medical treatment options for Alzheimer`s
- **Speaker Karon Maclean. T**  
**Topic** Making Haptics and its design accessible

### JAMES BESDEK KEYNOTE SPEAKER PRESENTATION

Professor Bezdek presented during Thursday November 14, in the morning. His topic was **“Every picture tells a story”**. During the afternoons the parallel sessions took place.







## Organizers

These were our organizers.

**Name:** Otilia Alejandro

## General Chair

Affiliation: Escuela Superior Politécnica del Litoral, Guayaquil, Ecuador

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## Organizing Committee Members:

**Name:** Marco Benalcazar

## Academic Chair



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**Name: Maria Perez**

**Summer School Director**

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**Name: Ana Tapia**

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**Theses Competence Chair**

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**Treasurer**

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**Name: Marjorie Chalen**

**Logistic Chair**

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**Monica Villavicencio**

**Plenary Talks Chair**

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**Registration and Accommodation**

Hotels that hosted our guests were:

- Sonesta Hotel
- Sheraton Hotel

Keynote speakers stayed at both hotels and other guests near the same sector

**Transportation Details**

The Transespol company gave the transportation service during the 5 days of the conference and during the tutorials.

Address: Escuela Superior Politécnica del Litoral. Km 30.5 Via Perimetral. Edificio FIEC.

Transportation: 25 kilometers from **Jose Joaquin de Olmedo International Airport**

## **Resume**

This is the information about the LACCI 2019 conference related to the Keynote speaker James Besdek. We thank a lot to the CIS chapter for this wonderful experience and knowledge sharing from this expert.

We reached our objectives during it. We had a very interesting experience and a lot of research was shared during these 5 days.

Otilia Alejandro

General Chair LACCI 2019