

# 3° IBEROAMERICAN SEMINAR ON FORENSIC GEOSCIENCES

LA PLATA - ARGENTINA 2017  
NOVEMBER 30th - DECEMBER 1st

CONICET CCT- LA PLATA, CALLE 8 # 1467 (e/62 y 63)



# DAY ONE: NOVEMBER 30th 2017

9H30-13H

SOILS (INORGANIC, ORGANIC, PALYNOLOGY, MYCOLOGY)

Forensic trace evidence collection, recovery and examination, including analysis inorganic and organic

Forensic soil: from the judicial site survey to the laboratory examinations

Fungi: forensic evidence?

Forensic Palynology: a science that advances in criminal investigation

Forensic soils studies in Paraná, Brazil

14H30-15H30

MINERALS AND GEM FRAUD

The blood diamonds of the Roosevelt Reserve, Rondônia, Brazilian Amazon

The Paraíba Tourmalines: an international dodgery money laundering piece

16H-18H

GIS IN FORENSIC GEOLOGY

An Introduction to GIS in Forensic Geoscience/Developments in GIS and Forensic Geoscience with Case studies

Remote sensing of clandestine graves – a review

Evolutionary approach for detection of buried remains in hyperspectral images

# DAY TWO: DECEMBER 1th 2017

9H-10H30

## GEOPHYSICS / SEARCHING EVIDENCE

Searching missing people

Search for drugs, weapons, tunnels, soil contamination

Forensic Geology in Argentina Applied to the Search of Victims of Forced Disappearance

Geophysics and environmental variables applied to the search of missing people

Preliminary results of geophysical and remote sensing techniques as an aid to forensic archeology research in Mexico.

13H30-17H

## IDENTIFICATION OF PEOPLE

Current to Actualistic Taphonomy and Forensic Sciences: Challenges and Interactions for disciplinary construction

Identification of people and postmortem time, particularly relating to taphonomy and our taphonomic (i.e. human decomposition) facility in Australia which has helped police investigations

Forensic Entomology: generalities and case studies

Forensic Anthropology

Forensic Genetic

Stable Isotopes Trace the Truth: From Adulterated Foods to Crime Scenes

17H-18H

## GEOLOGIST IN THE COURT AND FORENSIC CONTEXT IN ARGENTINA

Report writing and court presentation

Sciences of forensic application. The role of scientific organization

GEOLOGICAL  
KNOWLEDGE  
APPLIED  
TO BURIALS  
AND CRIME  
RESOLUTION

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