



## Field Trip Itinerary (Preliminary)

### FT01 - IOCG Systems of the Carajás Province, Amazon Craton, Northern Brazil

[www.seg2019.org/field-trips.html#1](http://www.seg2019.org/field-trips.html#1)

**Date:** September 29 - October 4, 2019

**Location:** Departing from and returning to Carajás Airport, Parauapebas (Pará state, northern Brazil)

**Leaders:** Roberto Xavier  
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Gustavo Melo

**Language:** Spoken: English  
Slides: English

**Included:** Accommodation, food, local ground Transport

**Not Included:** Flights/airfare



The Carajás Mineral Province located in the southeastern portion of the Amazon craton, northern Brazil, is subdivided into the Rio Maria and Carajás domains. The Carajás domain contains one of the world's largest known concentrations of large-tonnage (100–789 Mt at 0.77–1.4 wt % Cu and 0.28–0.86 g/t Au) iron oxide copper-gold (IOCG) deposits. This field trip will include visits to the main IOCG deposits with focus on the comparison between the Neoproterozoic (2.70 and 2.56 Ga) and Paleoproterozoic (1.88 Ga) examples, as well as with other iron oxide-deficient or absent Cu-Au systems in Carajás. This field trip is appropriate for exploration geologists and academic professionals interested in the regional setting and geochemistry of Cu-Au ore deposits.



## Itinerary

### Day 1 - Sunday, September 29, 2019

- Meeting at Carajás Airport (Parauapebas town, Pará State), preferably at lunch time. Trip by bus to the hotel at Parauapebas (23 km). Overnight in Parauapebas.
- Evening: Talk on Copper metallogeny of the Carajás Mineral Province presented by VALE geologists and field trip leaders.

### Day 2 - Monday, September 30, 2019

- Trip by bus from Parauapebas to Salobo Cu-Au mine (Vale).
- Overnight in Parauapebas.

### Day 3 - Tuesday, October 1, 2019

- Trip by bus from Parauapebas to Antas Cu-Au mine (AVANCO/OZ Minerals).
- Overnight in Parauapebas.

### Day 4 - Wednesday, October 2, 2019

- Trip by bus from Parauapebas to Sossego Cu-Au mine (VALE).
- Overnight in Canaã dos Carajás (PA).

### Day 5 - Thursday, October 3, 2019

- The Pedra Branca and Pantera prospects – the next Cu-Au mines in Carajás (AVANCO/OZ Minerals).
- A possible bonus: a visit to S11D – Carajás largest high-grade Fe mine (VALE).
- Overnight in Parauapebas.

### Day 6 - Friday, October 4, 2019

- Leaving Parauapebas to the Carajás airport and end of the trip.

**SEG 2019**



SANTIAGO  
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South American Metallogeny: Sierra to Craton  
October 7-10, 2019

## Accommodation

TBA

## Flight Information

TBA

## Contact Information

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