Vale Booth Schedule

19th International Congress of Speleology and 38th Brazilian Congress of Speleology

Vale Booth Schedule:

Fixed – Every Day:

- **Meet the SpeleoRobot:** Our device capable of accessing the most confined cave environments (Monday to Thursday)
- **Discover the Ferruginous Caves:** Immersive virtual reality experience (Monday to Friday)

Monday – 21/07
10:00 AM – Minilecture 1: Feeling the Earth: Seismographic Monitoring (With translation)
02:00 PM – Minilecture 2: Groundwater in Focus: Hydrogeological Monitoring (With translation)

Tuesday – 22/07
10:00 AM – Minilecture 3: SpeleoTech: Technologies Applied to Speleology (With translation)
02:00 PM – Minilecture 4: Speleological Offsets and the TCCEs – A Commitment to the Preservation of Natural Underground Cavities (With translation)

Wednesday – 23/07
10:00 AM – Minilecture: Getting to Know Vale a Little More: Careers and Opportunities
Open Day for the Public

Thursday – 24/07
10:00 AM – Launch: Cartoon – Speleo Raquel (With translation)
03:30 AM – Roundtable: Let's Talk About Health and Safety? With Samira Salomão (Vale), Anísio Braga and Carmela Braga (UFMG)

Friday – 25/07
10:00 AM – ITV Minilecture: Sounds of the Caves: Launch of the Acoustic Library for Identification of Cave-Dwelling Species (With translation)
2:00 PM – Talk with the Authors – Book: Cave Fauna of Brazil and Roundtable (With translation)

Vale Participation in the Congress:

Tuesday – 22/07

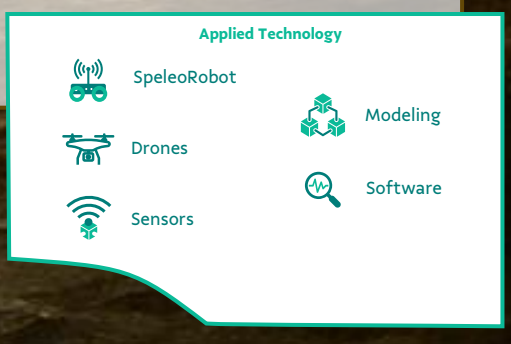
8:05 AM – Roundtable – "Contributions of the Geotechnical Cave Index (IGC) to understanding the dynamics of "incasão" in ferruginous rock caves". **Dr. Iuri Brandi – Vale/Brazil**
9:30 AM – Roundtable:- "How unique are subterranean biological communities in ferruginous caves across the Amazon? Species-area relationships and ecological similarity in the Carajás speleological province". **Dr. Leonardo Carreira Trevelin – Instituto Tecnológico Vale/Brazil**

Thursday – 24/07
To be defined – Vale Workshop with SpeleoKids
4:20 PM – Roundtable – "Dissipating the shades and perceiving the nuances in the dark: boosting our perception and solutions to conserve cave bats". **Dr. Valéria Tavares – Instituto Tecnológico Vale/Brazil**

Friday – 25/07
9:30 AM – Roundtable: From Rock Exploration to Cave Conservation: Bridging Mining and Conservation Practices to Preserve Cave and Karst Heritage. **M. Sc. Xavier Prous – Vale/Brazil**

Additional Highlights at the Vale Booth

In addition to the official schedule, the Vale booth offers a rich and interactive experience throughout the week:

- Central themes in focus: Environmental monitoring, cave conservation, and biodiversity.
- Screening of films and audiovisual materials about ferruginous caves and preservation projects.
- Strategic partnerships with research and environmental conservation institutions.
- Scientific and technological advances in:
- Seismography: New approaches to monitoring underground events.
- Geotechnics: Innovative applications in the study and preservation of cavities.
- Biology: Recent discoveries about cave fauna and its conservation.
- Sharing of knowledge acquired over years of research and fieldwork.

We invite all participants to visit our booth and explore these initiatives that reinforce our commitment to science, innovation, and the preservation of speleological heritage.