

# **Planning I-CBBG 2025**

1/27/23

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# **1 This is a draft**

This is a working document for the planning of ICBBG 2025. Nothing in the document is set into stone. This will serve as a reference in our first meeting.

Your comments and suggestions are appreciated.

## 2 Schedule



Note  
This is a tentative schedule and subject to change.

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9:00 – 17:00 workshops  
18:00 – 20:00 Icebreaker reception

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### 2.1 Day 2

- 6 keynotes + 36 paper presentations

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8:00	opening & registration		
8:30	plenary session 1		
	3 x 30 minute presentation		
10:00	coffee break		
10:30	session 2a	session 2b	session 2c
	6 x 15 min	6 x 15 min	6 x 15 min
12:00	lunchbreak + poster session		
13:30	session 3a	session 3b	session 3c
	6 x 15 min	6 x 15 min	6 x 15 min
15:00	coffee break		
15:30	plenary session 4		
	3 x 30 minute presentation		
17:00	end of sessions		
18:00	conference dinner		
20:00	end of day 1		

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### 2.2 Day 3

- 6 keynotes/debates + 36 paper presentations

8:00	opening & registration		
8:30	plenary session 5		
	3 x 30 min		
10:00	coffee break		
10:30	session 6a	session 6b	session 6c
	6 x 15 min	6 x 15 min	6 x 15 min
12:00	lunchbreak + poster session		
13:30	session 7a	session 7b	session 7c
	6 x 15 min	6 x 15 min	6 x 15 min
15:00	coffee break		
15:30	plenary session 8		
	3 x 30 min		
17:00	end of conference		

## 2.3 Day 4

- Field trips

**i** Note

- Based on this original plan, there will be 12 plenary talks, 72 presentations in parallel sessions, and a number of poster presentations in 2 poster sessions.
- We may want to reduce the number of plenary talks to make room for more parallel sessions.
- We can have at least three tracks:
  - Bio-mediated Geotechnics
  - Bio-inspired Geotechnics
  - Education, training, industrial collaboration, sustainability in Biogeotechnics
- For each track, we can have a few sessions targeting on different applications such as:
  - Bio-mediated
    - \* Hazard mitigation
    - \* Construction
    - \* Environmental remediation or restoration
  - Bio-inspired
    - \* Site investigation

- \* Foundation
- \* Cross-cutting
- ETCS (successes and pitfalls)
  - \* Education
  - \* Training
  - \* Industrial collaborations
  - \* Sustainability

### **3 Important Dates**

Event	Date
Session Proposals Due	April 2023
Abstract Submissions Begin	June 2023
Abstracts Due	October 2023
Full Paper Invitations Begin	December 2023
Draft Full Papers due	May 2024
Final Full papers due	December 2024
I-CBBG 2025	May 18-21, 2025

## 4 Committees

- Leon van Paassen
- Julian Tao
- Ed Kavazanjian
- Hamed Khodadadi Tirkolaei
- Claudia Zapata
- Paola Bandini
- Jason DeJong
- David Frost
- All other Senior investigators at CBBG
- CBBG IDEA team

### 4.1 Scientific advisory board

- To be announced

#### Note

After discussing with Ed, may be a better arrangement is:

- Co-chairs
  - Edward Kavazanjian
  - Susan Burns
- Core organising committee (from partner campuses)
  - Julian Tao
  - Alejandro Martinez
  - Douglas Cortes
  - Sheng Dai
- Other organising committee members
  - junior investigators of the partner universities
  - experts outside of CBBG: e.g., Brina, Mike, Nariman
- Scientific Advisory boards

- CBBG leadership team
- Select members in the SAB and IAB of CBBG
- International experts



## 5 Announcements



**CBBG**  
Center for Bio-mediated & Bio-inspired Geotechnics

**18-21  
MAY 12-17, 2025**  
**ARIZONA STATE UNIVERSITY - TEMPE, ARIZONA**

**INTERNATIONAL CONFERENCE ON BIO-MEDIATED AND BIO-INSPIRED GEOTECHNICS I-CBBG 2025**

**OBJECTIVES**

- Present the state of the art & state of the practice on biogeotechnics
- Facilitate knowledge exchange on biogeotechnics between
  - researchers,
  - industry,
  - agencies,
  - educators
- Initiate development of an international research network
- Provide workshops and short courses

SESSION PROPOSALS DUE	APRIL 2023
ABSTRACT SUBMISSIONS BEGIN	JUNE 2023
ABSTRACTS DUE	OCTOBER 2023
FULL PAPER INVITATIONS BEGIN	DECEMBER 2023
DRAFT FULL PAPERS DUE	MAY 2024
FINAL FULL PAPERS DUE	DECEMBER 2024
<b>I-CBBG 2025</b>	<b>18-21 MAY 12-17, 2025</b>

Contact us: [icbbg2025@gmail.com](mailto:icbbg2025@gmail.com)  
Learn more: <http://icbbg.github.io/welcome/>  
[www.biogeotechnics.tech](http://www.biogeotechnics.tech)

**NM STATE UNIVERSITY** **GT Georgia Institute of Technology** **UCDAVIS UNIVERSITY OF CALIFORNIA** **ASU** **NSF** **CBBG**  
Center for Bio-mediated & Bio-inspired Geotechnics

## **5.1 Call for Sessions**

**i Note**

Do we really need a call for sessions?

- TBD

## **5.2 Call for Abstracts**

- TBD

## **5.3 Call for Papers**

## 6 Speakers



Note

To be announced

# 7 Venue

[Memorial Union](#) at ASU campus



[MU Map](#)

## 7.1 Lodging

[The Westin Tempe](#)



**i Note**

- Originally planned for:
  - 150 -400 attendees
  - Up to 200 in-person; up to 200 online
- We may need to select an off-campus venue, such as the new Omni hotel

# 8 Registration

## Note

More details to come

- Abstract
- Oral/poster presentation
- Paper in peer-reviewed proceedings (or journal special issue)
- Link to zoom access to video conference
- Proceedings

## 8.1 In person attendance includes

- All of above
- 4 coffee breaks
- 1 x ice breaker
- 2 x lunch
- 1 x conference dinner

## 8.2 Extra activities

- In person short courses, include lunch and coffee breaks)
- Excursion (Frank Loyd Wright)
- (Engineering) Geology excursion (2 days, including 1 overnight stay in Flagstaff)
- Golf clinic with Ed

## Note

- Do we still need the virtual option?
- We need a platform for registration

- Do we still need the extra activities?

## 9 Publication

**i** Note

To be determined.

- E3S
- arxiv
- Special issues in journals
- Traditional conference proceedings

**i** Note

- I personally would like to embrace open science as much as we can for this conference.
- Regarding publication:
  - Seems like Zenodo is a good option
  - One can create a community to collect, curate, harvest submissions
  - The submissions can be versioned and each will have a DOI
  - We can still peer review and ask the authors revise, resubmit with a new version
  - How about ISSN and indexing?
- We need a platform for handling paper submission and peer-review
- [Open Conf](#) is an option

# 10 Sponsors

## Note

More to come

- NSF
- ISSMGE TC 102 - Ground Property Characterization from In-Situ Tests
- ISSMGE TC 215 – Environmental Geotechnics

## 10.1 To be confirmed

- ISSMGE TC211 – Ground improvement
- Geo-institute
- TRB
- Specialty conference

# **11 About**

The conference seeks to present the state of the art in the field of Bio-mediated and Bio-inspired Geotechnics (BioGeotechnics), promote co-operation and exchange of information about the emerging field of bio-geotechnics; develop and promote improved modeling of bio-mediated and bio-inspired processes; translate fundamental bio-inspired knowledge into enabling technologies with future commercialization potential; and facilitate the adoption of bio-mediated and bio-inspired solutions into geotechnical engineering practice.

- Provide a state of the art on biogeotechnics
- Facilitate knowledge exchange on biogeotechnics among
  - international researchers,
  - industry,
  - agencies,
  - educators
- Initiate development of an international research network
- Provide workshops and short courses

## **11.1 Targeted number of attendants**

- 150 to 200