

Wednesday, November 13, 2024

Welcom and Opening Ceremony (Chair: Hideaki Yasuhara)

8:30-8:50

Welcome Address: Jonny Rutqvist

Opening Remarks: Seokwon Jeon, President, International Society for Rock Mechanics and Rock Engineering

Keynote Presentation (Chair: Carl Steefel)

9:00-9:45

Tianfu Xu

9:45-9:55

Group Photo

9:55-10:20

Coffee Break with Refreshment

Sessions

A-1: Damage-induced coupled processes

B-1: Numerical and experimental studies of coupled THMC processes from lab to field scale

C-1: Coupled processes in waste disposal and energy storage I

D-1: Coupled processes in CO₂ and H₂ storage I

S. Ogata & K. Aoyagi

C. Tournassat & M. Chijimatsu

P. Pan & M. Shimizu

T. Koyama & A. Boyet

10:20-10:35

26-K. Yoshioka

23-V. C. Repolles

72-Q. Zhang

13-H. Kim

10:35-10:50

53-D. Nolte

66-D. Jiang

100-J.W. Kim

22-T. Akaki

10:50-11:05

179-H. Chen

118-Y. Ozaki

158-R. Jayne

81-A. Boyet

11:05-11:20

184-D. Fukuda

121-M.H. Nuus

165-J. Zhang

86-C. Zhao

11:20-11:35

220-R. Goswick

231-H. Lisabeth

196-S. Beese

90-R. Makhnenko

11:35-11:50

241-Y. Yu

232-C. Steefel

228-L. Bourg

132-P. Purswani

11:50-12:50

Lunch

Keynote Presentation (Chair: Jonny Rutqvist)

12:50-13:35

Roland Horne

Sessions

A-2: Fracture propagation modeling in porous media

B-2: Multi-scale/multi-physics analysis for coupled THMC processes I

C-2: Coupled processes in waste disposal and energy storage II

D-2: Coupled processes in CO₂ and H₂ storage II

K. Yoshioka & W. Cao

X. Wang & S. Nishimoto

Z. Zhao & X. Zhao

Q. Gan & F. Zhang

13:45-14:00

34-T. Xu

9-X. Li

19-K. Aoyagi

14-Y. Jia

14:00-14:15

69-Y. Chen

25-T. Hasumi

65-C.G. Morel

29-T. Sasaki

14:15-14:30

112-Y. Maeda

114-Y. Wei

105-H. Yoo

156-N. Espinoza

14:30-14:45

186-Z. Lu

122-C. Jiang

109-J. Rutqvist

244-C. Joulin

14:45-15:00

203-M.Y. F. Soltanabad

204-A. Barron

159-R. Leone

218-S. Glubokovskikh

15:00-15:15

205-Y. Jin

209-Y. Wang

221-M. Souley

224-A. Paluszny

15:15-15:35

Coffee Break with Refreshment

Panel Discussion (Chair: Carl Steefel)

15:35-16:45

Topic: Energy storage

Nicolas Espinoza, Philipp Blum, Hiroshi Suenaga, Yong-Bok Jung, Clément Joulin

Poster & Reception

17:00-18:00

Poster (Core time)

18:00-20:00

Reception

Thursday, November 14, 2024				
Keynote Presentation (Chair: Mengsu Hu)				
8:30-9:15	Andrew Bungler			
9:15-9:40	Coffee Break with Refreshment			
Sessions	A-3: Experimental studies for coupled THM processes from lab to field scale	B-3: Multi-scale/multi-physics analysis for coupled THMC processes II	C-3: Machine learning and data mining I	D-3: Coupled processes in CO2 and H2 storage III
	T. Ishibashi & D. Asahina	M. Hu & J. Santos	M. Li&B.Yan	X. Shen & T. Akaki
9:40-9:55	12-T. Verbovsek	70-H.T. N. Nguyen	71-M.Gudala	20-K.W.Chang
9:55-10:10	21-D. Asahina	84-M. Ferronato	78-H. Wu	79-M. Alcantara Fuentes
10:10-10:25	32-T. Ishibashi	98-Jun. M	95-M. Li	92-Y.Xin
10:25-10:40	47-K. Okamoto	138-T. Szawello	135-F. Su	134-H. Zhu
10:40-10:55	146-H. Yu	162-M. Murad	172-W. Ouyang	145-L. Chen
10:55-11:10	190-K. Sawayama	178-M. Hu	193-T. Onishi	170-T.Ren
Keynote Presentation (Chair: Mamoru Kikumoto)				
11:20-12:05	Atsushi Iizuka			
12:05-13:05	Lunch			
Sessions	A-4: Modeling of coupled THM processes in fractured geological media	B-4: Flow and reactive transport I	C-4: Risks and sustainability in fractured rocks I	D-4: Bridging geomechanics and geochemistry for mineral carbon storage I
	B. Figueiredo & K.chen	S. Molins & C. Soulaine	H. Honda & S. Nakashima	P. Kang & T. Schaed
13:05-13:20	11-B. Figueiredo	45-M. Souzy	4-R.Zhao	8-M. Uno
13:20-13:35	52-L.PyrakNolte	63-H.Yoon	15-T. Poulet	24-P.Kang
13:35-13:50	107-I. Tomac	67-C. Soulaine	36-J.Santos	51-J. Rudnicki
13:50-14:05	108-W. Pan	152-S. Roman	119-J. Chen	54-E.Detournay
14:05-14:20	117-H. Nick	155-M. Zamzami	149-S.J. Park	74-V. Voller
14:20-14:35	176-T. Li	160-T. Ladd	216-A. Marcato	123-F. Wu
Sessions	A-5: Coupled THM behavior of rock fracture I	B-5: Flow and reactive transport II	C-5: Risks and sustainability in fractured rocks II	D-5: Bridging geomechanics and geochemistry for mineral carbon storage II
	Y. Ozaki & H. Shimizu	P. Trinchero & B. Li	T. Poulet & M. Kohno	V. Voller & M. Uno
14:45-15:00	48-M. C. Weng	27-S. Saydam	124-X.Tang	142-T. Igarashi
15:00-15:15	57-J.Wang	31-I. Nishimura	137-M.Wang	175-W.Jang
15:15-15:30	126-J. Hwang	50-P.Trinchero	187-N. Malistani	180-P. Szymczak
15:30-15:45	157-P.Brum	62-Y. Hu	197-R.Wu	181-A.Okamoto
15:45-16:00	230-X.Deng	127-Y. Munemori	234-A. Omer	191-N. Lahiri
16:00-16:15	245-C. Joulin	206-C.Tournassat	242-X. Zhu	223-M. Radonjic
16:15-16:35	Coffee Break with Refreshment			
Chin-Fu Tsang Award Ceremony & Award Lecture (Chair: Jonny Rutqvist)				
16:35-16:45	Chin-Fu Tsang Coupled Processes Award Ceremony- Chin-Fu Tsang			
16:45-17:15	Award Lecture			
Banquet Dinner (Chair: ~)				
19:00-21:00	Banquet Dinner			

Friday, November 15, 2024

Keynote Presentation (Chair: Carl Steefel)

8:30-9:15	Donald DePaolo			
9:15-9:40	Coffee Break with Refreshment			
Sessions	A-6: Coupled THM behavior of rock fracture II	B-6: Flow and reactive transport III	C-6: Coupled processes in Enhanced geothermal systems	D-6: Injection-induced permeability enhancement and seismicity
	Z. Li & J. Yoon	K.W. Chang & T. Miyoshi	I. Tomac & K. Sawayama	Y. Mukuhira & L. Wang
9:40-9:55	28-J. Zhao	68-T. Aquino	38-A. Boyet	58-J. Wang
9:55-10:10	30-L. Zhuang	147-F. Gibou	87-E. Jahangir	85-H. Shen
10:10-10:25	82-Y. Tanizawa	194-T. Zhang	106-J. Lee	88-M. Cao
10:25-10:40	133-B. Li	199-F. Golfier	120-T. Ito	103-C. Xia
10:40-10:55	167-H. Wang	210-S. Molins	168-M. Wu	169-Q. Li
10:55-11:10	185-T. Kubo	243-M. Hu	237-R.D.G. Fiona Harshini	212-C. Langenbruch

Keynote Presentation (Chair: Tomofumi Koyama)

11:25-12:10	Christine Detournay
12:10-13:10	Lunch

Emerging Scientists (Chair: Ki-Bok Min&Qinghua Lei)

13:10-13:40	Wenzhuo Cao
13:40-14:10	Jinhyun Choo
14:10-14:40	Maria Klepikova
14:40-15:10	Coffee Break with Refreshment
15:10-15:40	Sho Ogata
15:40-16:10	Silvia De Simone
16:10-16:40	Luca Dal Zilio

Closing Ceremony

17:00-17:15	Announcement of Awards: Tomofumi Koyama
17:15-17:20	Closing remarks: Kiyoshi Kishida, Vice President, International Society for Rock Mechanics and Rock Engineering

NOTE: This program shows you the submission ID and the first author.

As of Oct 24

Poster Sessions

Paper ID	Name of First author	Remarks
16	Eko Pramudyo	
17	Lu Wang	
33	Kazumasa Sueyoshi	
46	Tian Guo	
49	Ryu Wada	
55	Yusuke Mukuhira	
59	Guifu Duan	
60	Yingtao Hu	
61	Kota Tokutake	
76	Ji Won Kim	
77	Kwangil Kim	
80	Yohan Cha	
94	Yang Wu	
99	Yunseong Kang	
101	Minhyeong Lee	
102	Ning Yang	
104	Rebecca Peter	
111	Shotaro Ikeda	
115	Mufan Qiao	
125	Taro Sakai	
129	Masanori Kohno	
130	Lena Muhl	
144	Qi Li	
148	Shunichi Okamoto	
150	Jiyong Lee	
166	Woojong Yang	
171	Mahyar Madadi	
174	Hyeon Woo Lee	
189	Kazuki Sawayama	
192	Deheng Kong	
195	Chiawei Kuo	
198	Hyunjeong Jeon	
201	Melvin Diaz	
202	Meimei Hao	
217	Stanislav Glubokovskikh	
225	Adriana Paluszny	
233	Aidan Omer	
240	Tao Dong	

