

Numerical Analysis and Scientific Computing with Applications
(NASCA23)

Schedule : 03/07--06/07

MONDAY MORNING 03/07

08:30--9:30 Registration---

09:30--10:00 Opening Ceremony (Great Hall)

10 :00—10:40 *Plenary Speaker : Yousef Saad* (chair : Khalide Jbilou)

10:45--11:30 *Coffee Break*

Great Hall	Room A	Room B
Mathematical Modelling	Linear Algebra	Approximation
11:30-11:55 N. Tsitsas	A. Dax	H. Safouhi
11:55-12:20 E. Protopapas	H. Alqahtani	W. Xu
12:20-12:45 A. Bakalis	H. Switzer	A. Ibrahimoglou
12:45-13:10 D. Lampropoulos	F. Beik	A. Melman

13:10—15:00 **LUNCH**

MONDAY AFTERNOON

15:00—15:40 *Plenary Speaker : Froilan Dopico* (Chair : Mustapha Hached)

15:45—16:30 *Poster Presentation* (Chair : Marilena Mitrouli)

Great Hall	Room A	Room B
16:30--17:00 <i>Coffee Break</i>		
Regularisation & Stat. Model.	Numerical Analysis	Linear Algebra
17:05-17:30 J. Winkler	M.O. Tsianni	D. Noutsos
17:30-17:55 M. Mitrouli	D. Kumozec	J. Bisch
17:55-18:20 N. Koukoudakis	S. Moufawad	A. El Hachimi
18:20-18:45 A. Lappa	F. Esposito	M. Boubekraoui
18:45-19:10 I. Iordanis	A. Suhkinin	D. Christou
19:10--19:35		B. Plestenjak

TUESDAY MORNING 04/07

9:00—9:40 *Plenary Speaker : Hassan Sadok* (Chair : Marcos Raydan)

Room A	Room B
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Mini-Symposium I (C. Fenu, L. Fermo and G. Rodriguez)		Mini-Symposium II (C. Rosier)	
09:45-10:10	G. Rodriguez		B. Amaziane
10:10-10:35	S. Notaris		J. Carrayrou
10:35—11:05 Coffee Break			
11:05-11:30	C. Laurita		R. Awada
11:30-11:55	S. Pozza		C. Bourel
11:55-12:20	L. Fermo		X. Lhebrard
12:20-12:45	J. Tomanovic		C. Rosier
12:45-13:10	A. Buccini		E.H. Quenjel

13:10—15:00 LUNCH

TUESDAY AFTERNOON

15:00—15:40 *Plenary Speaker : Andreas Boudouvis* (Chair : Marilena Mitrouli)

Great Hall	Room A	Room B
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Ill-posed problems	Numerical PDE's	ML for Multi-data
15:45-16:10 A. Cosse	P. Spiteri	A. Zahir
16:10-16:35 E. Oktay	D. Antonopoulou	Y. Kalogeris
16:35—17:05 Coffee Break		
Mini-Symposium IV (A. Buccini--L. Onisk)		Mini-Symposium V (F. Dufrenois)
17:05-17:30 M. Donatelli	A. Duran	N. Grozavu
17:30-17:55 C. Fenu	P. Vassalos	N. Rogovschi
17:55-18:20 F. Chen	G. Kounadis	Y. Khalfaoui
18:20-18:45 L. Onisk	E. Karatzas	F. Dufrenois
18:45-19:10 F. Pes	P. Das	

Conference Dinner at 20:30

Place : ATHENS UNIVERSITY HISTORY MUSEUM

Address: Tholou 5, Plaka, 10556 Athens

https://en.uoa.gr/about_us/museums/athens_university_history_museum/

WEDNESDAY MORNING 05/07

9:00—9:40 *Plenary Speaker : Ahmed Ratnani* (Chair : Hassane Sadok)

Great Hall	Room A	Room B
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Domain Decomposition Methods	Numerical Analysis	Linear Algebra
09:45-10:10 F. Bernal	M. Pasadas	S. El Halouy
10:10-10:35 D. Tromeur Dervout	O. Vantzou	M. A. Hamadi

10:35—11:05 *Coffee Break*

Mini-Symposium III (L. Laayouni)		
11:05-11:30 L. Laayouni	A. Weller	C. Anton
11:30-11:55 M. Neytcheva	H. Hornicova	E. Bizas
11:55-12:20 S. Margenov	B. Pekmen Geridonmez	A. Aretaki
12:20-12:45 N. Debit	V. Yirmili	G. Tachyridis
12:45-13:10 A. Rifqui	S. Pantazopoulou	D. Triantafyllou

13:10—15:00 *LUNCH*

Excursion:

**Wednesday 05/07/2023 ; Departure near the main building of the university
at 04:00 pm**

- Visit : Cape Sounion and the temple of Poseidon, Port of Lavrion
- Dinner offered by the organizers

THURSDAY MORNING 06/07

9:00—9:40 *Plenary Speaker : **Marcos Raydan*** (Chair : Froilan Dopico)

Great Hall	Room A	Room B
Comput. Statistics & Oper. Res.		AI & Applications
09:45-10:10 A. Burnetas	Julia Team of NKUA : Programming Language: Guide and Applications	N. Doukas
10:10-10:35 P. Gonzalez-Rodelas	Julia Team of NKUA : Programming Language: Guide and Applications	P. Giannaris
10:35—11:05 <i>Coffee Break</i>		
	Scattering Methods	
11:05-11:30 G. Settembre	P. Roupa	V. Kharchenko
11:30-11:55 M. Mansour	S. Zoi	V. Sklyar
11:55-12:20 N. Papadakis	I. Arkoudis	N. Doukas

12:30-13:00 *Plenary Speaker : **Michele Benzi*** (via zoom)

Closing Remarks : Marilena Mitrouli and Khalide Jbilou

Posters

C.M. Petridi

E. Lardas

E. Vaggelatou

Julia Team of NKUA—Demonstration of Julia Programming Language

I. Oikonomou – F. Bampouklis

Minisymposiums

Minisymposium I : Gaussian quadrature rules: from integrals to Krylov methods

Minisymposium II : Reactive transport in porous media: Modeling and Numerical Aspects

Minisymposium III : Domain decomposition and Multigrid methods with applications

Minisymposium IV : Numerical linear algebra tools for the solution of ill-posed inverse problems

Minisymposium V : Machine learning for Heterogenous and multi modal data

CONFERENCE ROOMS

Room A: Amphitheatre "A. Argyriadis"

Room B: Amphitheatre "J. Dracopoulos"