

International Workshop
Numerical Solution of Fractional Differential Equations and
Applications
NSFDE&A '20
June 8 - 13, 2020, Sozopol, Bulgaria



Organizer

The workshop is organized by the [Institute of Information and Communication Technologies](#), Bulgarian Academy of Sciences, in cooperation with the [Bulgarian Section of SIAM](#), and the [Center of Excellence on Informatics and ICT](#).

Organizing Committee

Silvia Grozdanova, Stanislav Harizanov, Raytcho Lazarov, Svetozar Margenov

Time

The workshop is scheduled for June 8 - 13, 2020, with arrival: June 8 and departure: noon June 13.

Place

The NSFDE&A'20 will be held in Sozopol (ancient Apolonia), a picturesque town on the Black Sea coast, 33 km to the south from Bourgas. The Bourgas International Airport is less than 50 km to the north from Sozopol.

Aims

The workshop follows the great success of the Special Session “Fractional Diffusion Problems: Numerical Methods, Algorithms and Applications” organized within the scientific program of the 12th International Conference on Large-Scale Scientific Computations (LSSC’19), June 10 - 14, 2019, Sozopol, Bulgaria.

The workshop is aimed to start a new chain of NSFDE&A events to be organized biannually, every even year, complementary to the well-established LSSC conferences every odd year.

Scope

Specific topics of interest (but not limited to) are the following: (i) fractional in space diffusion problems; (ii) fractional in time problems; (iii) problems involving p-Laplacian; (iv) coupled problems; (v) phase separation and image segmentation; (vi) parallel algorithms and HPC tools; (vii) applications in science and engineering.

Extended Abstracts/Short Communications

The extended abstracts/short communications (up to 3 pages) are to be written in standard LaTeX and sent to: nsfdea20@parallel.bas.bg. The proceedings will be available before starting the workshop.

Workshop Fee

The workshop fee covers: the proceedings of extended abstracts/short communications, the workshop materials, the coffee breaks, the reception and the official dinner.

Before May 8, 2020	After May 8, 2020
130 EURO	150 EURO
Fee for accompanying person:	80 EURO

Bank Account

IBAN:	BG73 UNCR 9660 3448 5807 11
BRANCH:	SLATINA
BANK:	Unicredit Bulbank
TOWN:	SOFIA 1574, Shipchenski prohod blvd. 65
COUNTRY:	BULGARIA
SWIFT BIC code:	UNCRBGSF
Bank account holder:	IICT-BAS, Acad. G. Bonchev Str. 2, 1113 Sofia

Please indicate: for NSFDE&A’20 and your name.

The registration is supposed to be received free of bank transfer charges. The late workshop fee is also payable at the registration desk cash in EURO or in BGN, 1 EUR = 1.9558 BGN.

Accommodation

There is a rich variety of opportunities for accommodation in Sozopol. The participants may contact their travel agencies. Some of them provide very attractive packages including air ticket (during the season there is a rich charter program to Bourgas Airport) plus hotel reservation. Based on their location, the following hotels could be recommended:

Villa List, <http://www.hotellist-bg.com/index.php?lang=en>

Selena, <https://www.hotelselena-bg.com/indexen.php>

Coral, https://www.hotelscombined.com/Hotel/Hotel_Coral.htm

Arena, http://hotel-arena.net/home_en.html

Transportation

An attractive way to organize your travel is to use a direct regular or charter flight to Burgas airport. There is a regular bus line 15 from Burgas airport to the bus station south, a starting point for the regular buses to Sozopol. Alternative way to the public bus is to rent a car or use a taxi from the Burgas airport.

Social Program

The social events will include a conference reception on Tuesday (June 9) and the official dinner on Thursday (June 11).

Important Deadlines

Registration/intention to participate	January 31, 2020
Submission of extended abstracts/short communications	February 15, 2020
Notification of acceptance of the talks on the basis of the submitted abstract	March 1, 2020

Chairman

Prof. Svetozar Margenov
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Secretary

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