



Nonlinear Analysis and Boundary Value Problems
September 4 –7, 2018
Santiago de Compostela, Spain
<http://www.bvp2018.es/>

FOURTH ANNOUNCEMENT

General Information

The Group of Nonlinear Differential Equations at the University of Santiago de Compostela, Spain, is organizing the *International Conference on Nonlinear Analysis and Boundary Value Problems 2018*. Such conference is held in honor of Prof. **Juan J. Nieto**, in occasion of his 60th birthday, during the dates of September 4th-7th, 2018, at Santiago de Compostela.

The purpose of the Conference is to bring together researchers working on differential, difference and fractional equations and their applications. The conference will take place at the Faculty of Mathematics of the University of Santiago de Compostela. The official language will be English.

Scope

The topics of the meeting cover the theory of differential, difference and fractional equations in a broad sense, with special attention, but not limited, to

- **Boundary value problems**
- **Fractional calculus**
- **Bioinformatics**
- **Fixed point theory**
- **Dynamical systems**
- **Mathematical biology**
(Epidemiology, Population dynamics)

Structure of the Conference

The scientific program of the conference consists of one-hour plenary lectures, forty-minute main lectures, thirty-minute invited lectures at scheduled special sessions and twenty-minute contributed talks.

Plenary Speakers

Tomás Caraballo
Universidad de Sevilla, Spain

Peter kloeden
Huazhong University of Science and Technology, China

Santiago Ibáñez
Universidad de Oviedo, Spain

Delfim F. M. Torres
Universidade de Aveiro, Portugal

Main Speakers

- **Mouffak Benchohra** (Université Djillali Liabes de Sidi Bel Abbes, Algeria)
- **Teresa Faria** (Universidade de Lisboa, Portugal)
- **Armengol Gasull** (Universitat Autònoma de Barcelona, Spain)

- **Gennaro Infante** (Università della Calabria, Italy)
- **Tibor Krisztin** (Bolyai Institute, University of Szeged, Hungary)
- **Radu Precup** (Babeş-Bolyai University, Romania)
- **Irena Rachůnkova** (Palacký University, Czech Republic)
- **Maria Alessandra Ragusa** (Università di Catania, Italy)
- **Gergely Rőst** (Bolyai Institute, University of Szeged, Hungary)
- **Luis Sanchez** (Universidade de Lisboa, Portugal)
- **Stepan Tersian** (University of Ruse, Bulgaria)
- **Pedro Torres** (Universidad de Granada, Spain)

Special Sessions

Special Sessions will cover the following topics:

- Critical point theory
- Fractional equations
- Fuzzy equations
- Difference equations and discrete dynamical systems
- Nonlinear boundary value problems

The participants of a Special Session will be invited by the corresponding organizers.

Contributed Talks

Participants may contribute with a twenty-minute talk in one of the following topics:

- Ordinary differential equations
- Partial differential equations
- Difference equations
- Dynamical systems
- Fractional equations
- Mathematical models

Registration and Conference Fee

The regular conference fee is Euro 250 for early registration until July 1, 2018 and Euro 300 afterwards. It includes the book of abstracts, coffee breaks, lunches, an excursion to the Galician coast and social program.

For those attending with accompanying people, there is a fee of Euro 30 per accompanying person which includes the excursion and the coffee breaks. Accompanying people will also profit from the social program.

Furthermore, there will also be a gala dinner. Those interested (participants and accompanying persons) in attending the dinner, the fee is set to Euro 50.

Method of Payment

Payment of the registration fees (including dinner and/or accompanying people when applicable) should be made by bank transfer (free of charge for the recipient) to:

Account Number: 0049.2584.90.2214002210

IBAN: ES40.0049.2584.9022.1400.2210

Swift Code: BSCHEMMXXX

Branch code: XXX

Bank name: Santander.

Bank Address: Caldeireria, 54, 15703, Santiago de Compostela, A Coruna, Spain.

Payable to “Nonlinear Analysis and Boundary Value Problems. NABVP-2018”.

Please, indicate clearly your name.

Header of the account: Universidade de Santiago de Compostela (Colexio de San Xerome, Santiago de Compostela, Spain).

A copy of the transference must be attached at the web page when the registration was made.

Abstracts

Abstract submission will be possible from March 15 to June 15, 2018. A L^AT_EX template will be available at the website. You will be notified upon the acceptance of your abstract by June 22.

Proceedings

A special issue will be published at the journal *Discrete and Continuous Dynamical Systems - B*. The contributions to this Special Issue will be by invitation of the organizers of the conference. An additional conference proceedings will be published at a special number of *Springer Proceedings in Mathematics & Statistics*.

Social events

An **Excursion** to the *Death Coast* of Galicia is scheduled on Wednesday, September 5.

The **Conference Dinner** will be held on Thursday, September 6, at the old town of Santiago de Compostela.

Additional social events will be announced for all the participants in a suitable time.

Grants

The organizing committee expects to be able to provide ten grants to cover the registration fees. Those students and participants coming from developing countries may apply for one of these grants by applying from March 15 to May 1 at the web page of the conference, where the instructions are posted. The final decision will be taken before May 15.

Important deadlines

- Application for grants May 1, 2018
- Abstract submission June 15, 2018
- Abstract acceptance June 22, 2018
- Payment at reduced fee July 1, 2018
- Registration July 15, 2018

Scientific Committee

Alberto Cabada (Chair)
Univ. Santiago de Compostela (Spain)

Ravi P. Agarwal
Texas A&M University-Kingsville (USA)

Iván Area
Universidade de Vigo (Spain)

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Universidade de Vigo (Spain)

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National University of Ireland Galway (Ireland)

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Univ. Santiago de Compostela (Spain)

Delfim F. M. Torres
Universidade de Aveiro (Portugal)

Local Organizing Committee

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- José Manuel Uzal

Sponsors

- Xunta de Galicia
- Universidade de Santiago de Compostela (USC)
- Facultade de Matemáticas de la USC.
- Ministerio de Economía, Industria y Competitividad
- Deputación Provincial de A Coruña.
- Instituto de Matemáticas de la USC.

Contact Information

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