

**PDMU-2018**  
**XXXI International Conference**  
**PROBLEMS OF DECISION MAKING**  
**UNDER UNCERTAINTIES**  
**July 3-8, 2018**  
**Lankaran-Baku, Republic of Azerbaijan**

**ORGANIZED BY**

Taras Shevchenko National University of Kyiv (Ukraine),  
Lankaran State University (Republic of Azerbaijan),  
Azerbaijan State Oil and Industry University

**IN COOPERATION WITH**

International Institute for Applied Systems Analysis (Austria),  
Glushkov Institute of Cybernetics of NAS of Ukraine,  
Baku State University (Republic of Azerbaijan)  
Institute of Mathematics and Mechanics of NAS of  
Azerbaijan,  
Higher School Academy of Sciences of Ukraine,  
Noosphere Ventures Corporation (Ukraine),  
European Education Center (Georgia)

**POST-ADDRESS:**

Organizing Committee PDMU-2018  
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**TOPICS:**

1. Theory of statistical decisions, inference and its applications.
2. Computer methods for decision making in different fields.
3. Decision making in fuzzy environment.
4. Dynamical systems and decision making under uncertainties.
5. Risk theory and its applications.
6. Decision making in military area.
7. Decision support systems and its applications.

**DEADLINES:**

**April 15, 2018** - Preregistration, submission of abstracts.  
**April 30, 2018** - Notification of paper acceptance, payment of fee.  
**July 3-8, 2018** - International Conference PDMU-2018.

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Rafik Rasulov, Taras Zinko

All interested in participating in the Conference are invited to register before **April 15, 2018** by the one of the following ways:

- completing the on-line preregistration form only by the first author (**this method is preferred**)  
<http://www.PDMU.univ.kiev.ua/>
- sending your registration form by e-mail  
[pdmu@univ.kiev.ua](mailto:pdmu@univ.kiev.ua)

**REGISTRATION FORM:**

- 1.Current position (scientific rank): .....
- 2.First name: .....
- 3.Family name: .....
- 4.Department: .....
- 5.Organization: .....
- 6.Mailing address: .....
- 7.City: .....
- 8.Country: .....
- 9.Post/Zip code: .....
- 10.Contact phone/Fax: .....
- 11.E-mail: .....
- 12.Title of report: .....
- 13.Number position of topics: .....
- 14.Type of report: .....
- 15.Facilities: .....

**SUBMISSION OF ABSTRACTS**

The report may be done in the official language (English). The abstract should be prepared in **MS Word** (Times New Roman, 11 pt., “Title of report” - bold capital letters, “Author, e-mail” - bold letters black colour; top, bottom, right, left – 1,5 cm) within **one full only** A5 page, which is printed in portrait mode. *Attention: all formulas should be written with legible mathematical symbols and indexes.*

The authors can send registration form and abstracts by e-mail:

**[pdmu@univ.kiev.ua](mailto:pdmu@univ.kiev.ua)**

### Instruction for paper preparation in MS Word:

#### THE PYTHAGOREAN PROPOSITION

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We consider some random processes  $x(t)$ , a sequence  $(t_k, k > 1)$  of random points [1], [2] ...

#### References

1. Chaban A.V. Mathematical modeling of oscillating processes in elektromechanical systems / A.V. Chaban. – Lviv, 2007. – 312 p. (in ukrainian)
2. Valko P.M. Methods of approximate of solving Cauchy problem / P.M. Valko, V.S. Bykov, I.V. Petrenko // Computation and applied mathematics. – 2007. – №1. – P. 54–59. (in ukrainian)
3. Mizohata S. The theory of partial differential equations / S. Mizohata. – Cambridge, University Press, 1973. – 490 p.

The Conference language is **English**.

#### REGISTRATION FEE

The registration fee is 100 EURO and for students and aspirants is 20 EURO.

Registration fee may be paid upon the arrival at the Conference and does not include living in hotel and regular meal (breakfast, dinner, supper).

More detailed information will be included in the second announcement.

#### EXCURSIONS

*Series of walk and bus excursions will be proposed to participants of the Conference.*

*We are looking forward to see you in Lankaran and Baku!*



# XXXI INTERNATIONAL CONFERENCE

## PDMU-2018



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