



International Conference on Atomic and R-functions (ICAR) Virtual Workshop 2021

Info

The one-day workshop is timed to the 95th anniversary of Academician of the National Academy of Sciences of Ukraine, Vladimir Logvinovich Rvachev. A man and a scientist who proposed to world science the theory of R-functions, atomic functions and non-Archimedean calculus.



Acad. V.L. Rvachev

In addition, this year marks the 70th anniversary of the creator of the Croatian school of atomic and R-functions, Professor Blaž Gotovac.



Prof. Blaž Gotovac

The purpose of this event is to unite and introduce scientists and researchers in the field of atomic and R-functions from around the world.

We invite everyone to participate! Dobrodošli!

Organizing Committee

Chair: [Hrvoje Gotovac](#)

Technical support: [Oleg V. Kravchenko](#)

Contact

Local Organizing Committee email: icar.conference.2021@gmail.com

ZOOM Meetings:

<https://us02web.zoom.us/j/2564196805?pwd=Qmg2YzBSZXVmanZxaE8rY2IxejQxZz09>

ID: 256 419 6805

Code: seminar

Agenda

Date: 2022-02-01 Time zone: GMT+1

Time		Name	Title	Presenter
09:45	09:50	Welcome	Opening Host	Opening Host
09:50	10:00	Welcome	Welcome Speech Prof. Blaž Gotovac	Blaž Gotovac (Split University)
10:00	10:40	Talk session	Application of Fup basis functions for modelling of engineering problems	Vedrana Kozulić (Split University) Hrvoje Gotovac (Split University)
10:50	11:30	Talk session	Lamé-Gielis transformations in biology and geometry	Johan Gielis (Antwerp University)
11:40	12:20	Talk session	AString functions in theoretical physics	Sergei Eremenko (Soliton Scientific & National Aerospace University "Kharkiv Aviation Institute")
12:30	13:10	Talk session	Rational approximation of the atomic functions	Budunova Kristina (Kotel'nikov IRE RAS)
Short Break				
13:30	14:10	Talk session	Novel atomic wavelets	Konovalov Yaroslav (Bauman University)
14:20	15:00	Talk session	The new wavelet-like Allan variance based on the atomic function	Basarab Michael (Bauman University)
15:10	16:30	Talk session	2D atomic functions for a multiscale feature extraction approach	Karina Ruby Perez-Daniel (Universidad Panamericana)
16:40	17:00	Talk session	Application of atomic functions in signal processing	Enrique Escamilla Hernández (IPN SEPI ESIME Culhuacan)
17:10	17:30	Closing	Round table	Open Discussion