



**4-th International Workshop**  
**"Differential Geometric Structures and Applications"**  
**May 11-13 (Thursday – Saturday) 2023**  
**University of Haifa, Israel**  
**Second Announcement**

The organizers of the 4-th International Workshop "**Differential Geometric Structures and Applications**" warmly welcome all the mathematicians interested in that field to participate in our meeting. The Workshop is hosted by the Department of Mathematics, University of Haifa, Israel, and takes place in the period May 11 – 13, 2023.

**Organizer:** Prof. Vladimir Rovenski

**Organizing Committee:** Vladimir Rovenski (chair), Irina Albinsky (secretary)

Phone: +972-544793832 (Vladimir) and +972-544323227 (Irina).

**Scientific program:** 30-35 min. lectures, 10-15 min. short communications (posters).

**Presentations:** overhead projector, PC and blackboard. Official language is English.

**The workshop fee:** general 50 USD, accompanying person 25 USD.

**Schedule (see pages 3-5 of this file!)**

1. **May 10.** Registration (17:00-18:00, r. 624, Education Building); evening tour in Haifa.
2. **May 11.** Registration (9:00-9:25, room 624, Education Building).  
Opening ceremony (9:30-9:40, room 404, Education Building).  
Lectures (9:40-12:50, room 404, Education Building).  
Lectures (14:20-18:00, room 466, Education Building)

There will be two coffee breaks and lunch supported by the organizers.

3. **May 12.** Lectures (9:00-13:30, room 466, Education Building)  
with a coffee break. Light lunch (13:30-13:50).

The banquet will take place in a restaurant in Haifa (17:30-21:30).

The 70th anniversary of Vladimir Rovenski will be celebrated.

4. **May 13.** Guided bus-tour (9:00-18:00).

The information on **4th International Workshop** (with the program, etc.) is inside of Prof. Vladimir Rovenski homepage: <http://math.haifa.ac.il/ROVENSKI/rovenski.html>

For interested guests we plan the possibility of excursions after Workshop: for example, May 14, the Dead Sea.

**Proceedings:** Proceedings of the 4th International Workshop (with articles from participants in this and previous our workshops) are planned to be published in Book series "**Springer Proceedings in Mathematics & Statistics**".

We invite you to provide preliminary data (authors and titles) of articles in May 2023.

#### **Other useful information.**

**Participants are advised to get medical insurance for the period of their stay in Israel.**

Currency: Israel currency – shekel (ILS). You can exchange money in the exchange offices due to <https://www.xe.com/>. Credit cards are accepted in shops and restaurants.

#### **Accommodation.**

Rooms in the Dormitories of Haifa University campus (**35 USD per night**) will be available for registered participants. The room key must be obtained in the Security building (No. 14 on the campus map). **Participants who will be staying in the dormitories are advised to bring towels with them.**

**This workshop is supported by**

- \* Center for Computational Mathematics and Scientific Computation (CCMSC)
- \* Department of Mathematics at the University of Haifa.

#### **Meeting venue.**

The workshop venue is located at the building of the Department of Mathematics, University of Haifa

**Travel to Haifa** from Tel-Aviv Ben Gurion Airport to the University campus:

- 1) Ben Gurion Airport – Haifa Hof HaCarmel railway station: by train available in the airport; tickets available at the machines and casier.
- 2) Haifa Hof HaCarmel Central station– University of Haifa: local bus **54** or taxi (e.g. **Gett**).

The schedule is at the Israel railways page: <https://www.rail.co.il/en/>

Taxi. The standard price for a taxi is about 70 shekel.

#### **History:**

The **1st International Workshop**, named "**Reconstruction of Geometrical Objects Using Symbolic Computations**", September 2008, University of Haifa,

<https://cri.hevra.haifa.ac.il/2021/archive/2008/geometrical-objects-reconstruction-and-computations>

The **2nd International Workshop**, named "**Geometry and Symbolic Computations**", May 2013, University of Haifa,

<https://cri.hevra.haifa.ac.il/2021/archive/2013/geometry-and-symbolic-computations>

The **3rd International Workshop**, named "**Geometric Structures and Interdisciplinary Applications**", May 2018, University of Haifa,

<https://cri.hevra.haifa.ac.il/2021/2018>

## Schedule (Sections A, B)

10 May	11 May: A, B 8:00-14:00, room 404	12 May: A room 466, 8:00-14:00	13 May
	09:00 – 9:25, room 624 Registration		
Touring to Bahai gardens	09:30 – 09:40, room 404 Opening: I. Albinsky	09:10 – 09:40 G. Vilcu	Excursion at 7:00 to Jerusalem
	09:40 – 10:20 P. Walczak	09:50 – 10:20 J. Mikeš, N. Guseva	
	10:30 – 11:00 K. Tenenblat	10:30 – 11:00 A. Tralle	
	11:10 – 11:40 Coffee Break	11:00 – 11:30 Coffee Break	
	11:40 – 12:10 H. Nozawa	11:30 – 12:00 Y. Yomdin	
	12:20 – 12:50 V. Rovenski	12.10 – 12.40 A. Velimirović	
	13:00 – 13:50 Lunch 13:50–14:20 Campus tour	12.50 – 13.20 D.S. Patra	
	room 466, 14:00-20:00		
	14:20 – 14:50 L. Velimirović	13.25 – 13.30 Closing	
	15:00 – 15:30 Z. Rakić	13.30 – 13.50 Lunch	
	15:40 – 16:00 Z. Walczak		
	16:00 – 16:30 Coffee Break		
Registration 17.00–18.00 room 624	16:30 – 18:00 B: Posters: P. Peška, A. Pitea, A. Vilcu, K. Yamaguchi, L. Vítková, V. Rovenski, M. Moreira, C. Neacsu, L. da Silva	about 16.30 bus to w/s Dinner area	
18.00–optional Touring Haifa	18.30–optional Touring Haifa	17.30 – 21.30 Workshop Dinner	

Registration will be held in room 624 (V.R. office) of the Science & Education Building.  
 All talks on **May 11** will be held in rooms 404 and 466 - Science & Education Building.  
 All talks on **May 12** will be held in room 466 of the Science & Education Building.  
 Poster session: **10 min oral presentations** – will be held on **May 11 at 16:30**.

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# CONTENTS

## Section A

1. On geodesic mappings and their generalizations Mikes J. (Palacky University of Olomouc, Czech Republic)	7
2. On geodesic mappings and their generalizations Nozawa H. (Ritsumeikan University, Japan )	8
3. On the weak $\beta$ -Kenmotsu structure and Einstein manifolds Patra D.S. (Indian Institute of Technology, Hyderabad, India)	10
4. On nonlocal de Sitter gravity and its cosmological solutions Rakic Z. (University of Belgrade, Serbia)	11
5. Einstein metrics and Ricci solitons on weak K-contact manifolds Rovenski V. (University of Haifa, Israel)	12
6. On the self-similar solutions to the curvature flow for curves Tenenblat K. (University of Brasilia, Brasilia)	13
7. On Weyl connections Tralle A. (University of Warmia and Mazur, Poland)	14
8. Shape and energies of geometric objects Velimirović L. (University of Niš, Serbia)	15
9. The Weyl's curvature tensor from $A_N$ represented by independent curvature tensors from $GA_N$ Velimirović A. (University of Niš, Serbia)	16
10. On some basic curvature invariants and inequalities for submanifolds in space forms Vilcu G.-E. (University Politehnica of Bucharest, Romania)	17
11. Extrinsic geometry of plane fields Walczak P. (University of Łódź, Poland)	18
12. Managing your own .bib file Walczak Z. (University of Łódź, Poland)	19
13. Asymptotics of higher derivatives of smooth functions with prescribed zeroes Yomdin J. (Weizmann Institute of Science, Israel)	20

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## Section B

14. On some optimal Casorati inequalities	21
Neacsu C.-D. (University Politehnica of Bucharest, Romania)	
15. Perspectives in topological Molino's theory	22
Moreira M. (University of San Carlos, Faculty of Farmacy, USAC)	
16. On canonical $F$ -planar mappings	23
Peška P. (Palacky University of Olomouc, Czech Republic)	
17. Optimization problems on jet bundles	24
Pitea A. (University Politehnica of Bucharest, Romania)	
18. Geometric inequalities for a submanifold equipped with distributions	25
Rovenski V. (University of Haifa, Israel)	
19. Compatibility conditions for three-dimensional director fields	26
da Silva Luiz C. B. (Weizmann Institute of Science, Rehovot, Israel)	
20. Geometric inequalities for spacelike hypersurfaces in a GRW spacetime	27
Vilcu A.D. (Petroleum-Gas University of Ploiesti, Romania)	
21. On rotary mappings	28
Vítková L. (Palacky University of Olomouc, Czech Republic)	
22. Almost sufficient statistics and its Fisher-Neyman type characterization	29
Yamaguchi K. (Ritsumeikan University, Japan)	
23. Some aspects of geometry of unit vector fields	31
Yampolsky A. (V.N. Karazin National University, Kharkiv, Ukraine)	

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