Schweizerische Mathematische Gesellschaft
Société Mathématique Suisse
Swiss Mathematical Society

Joachim Rosenthal, Christiane Tretter, Martin Gander   Zürich, Bern, Geneva
Steering Committee of the Swiss Mathematical Society   30. April 2024

To the Members of SMS

Dear Members of the SMS,

It is with great pleasure to invite you to the spring meeting and the general assembly of the SMS.

The general assembly will take place

on Thursday May 16, 16:00 in Hotel Meielisalp, Stoffelberg, 3706 Leissigen

The general assembly is followed by a Colloquium talk at 17:30 given by

Prof. Ilia Itenberg, Sorbonne University, Paris

Everybody is welcome to stay for dinner at 19:00 in the Hotel Meielisalp.

For planning purposes may we ask those who plan to attend the general assembly and or the dinner, to fill out the

Registration Form.

The following pages contain the detailed program of the spring meeting of SMS and the agenda for the general assembly 2024. The protocol of the general assembly 2023 is attached separately.

Zürich, 30. April 2024   Joachim Rosenthal
                                President SMS

Program for the spring meeting of the Swiss Mathematical Society

Place: **Hotel Meielisalp, Stoffelberg, 3706 Leissigen**

Time: **Thursday May 16, 2024, 15:30–21:00**

Program

15:30-16:00 Welcome and Social gathering

16:00-17:00 General Assembly

17:30-18:30 Colloquium
Prof. Ilia Itenberg, Sorbonne University, Paris
Title: Refined Invariants for Real Curves
Abstract: The talk is devoted to several real and tropical enumerative problems. We suggest new invariants of the projective plane (and, more generally, of certain toric surfaces) that arise from appropriate enumeration of real algebraic curves of genus 1 and 2. These invariants admit a refinement (according to the quantum index) similar to the one introduced by Grigory Mikhalkin in the genus zero case. We also discuss the tropical counterparts of the invariants under consideration and establish a tropical algorithm allowing one to compute them. This is a joint work with Eugenii Shustin.

19:00-21:00 Social dinner. Please register in case you like to be part of the dinner.

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General Assembly of the Swiss Mathematical Society

Place: **Hotel Meielisalp, Stoffelberg, 3706 Leissigen**

Time: **Thursday May 16, 2024, 16:00**

Agenda

1. Approval of the Agenda.
2. Approval of the Minutes of the General Assembly of the SMS
   which was held on June 6, 2023 in Bern.
3. Communications of the president, the vice-president and the treasurer.
4. Communications about:
   Commentarii Mathematici Helvetici and Elemente der Mathematik.
5. Renewal of the bylaws of the SMS.
6. Approval of the budget 2023.
7. Discharge of the Members of the Steering Committee.
8. Election of Delegates.
9. Planned activities for 2024-2025.
10. Varia.