

INTERNATIONAL STUDENT CONGRESS



PROGRAM
OUTLET
2022

TABLE OF CONTENTS

- 01** WHAT IS THE ISC?
- 02** TIMETABLE
- 07** KEYNOTES
- 09** SURGICAL SKILLS
- 05** HANDS ON PROGRAMS
- 16** SOCIAL PROGRAM
- 17** YOUR WAY AROUND GRAZ
- 18** GOOD TO KNOW
- 19** MEET THE TEAM
- 20** SPONSORS



WHAT IS THE ISC?



THE INTERNATIONAL STUDENT CONGRESS GRAZ IS A NON-PROFIT ORGANISATION MADE UP OF MOTIVATED STUDENTS WITH THE MISSION TO PROMOTE NATIONAL AND INTERNATIONAL COOPERATIONS TO ENCOURAGE MEDICAL AND SCIENTIFIC PROGRESS.

Our Vision

We bring together young motivated students, scientists and academics from all different health science related fields. It is the aim of the ISC to connect the different groups as early as possible to exchange views, create a network and get to know their way of thinking and working.

Participants

Students from bachelor's, master's, PhD and diploma degree programs in medicine and related disciplines, as well as people who have already completed their studies are welcome to participate in the congress.

Program

The participants have the opportunity to present and discuss findings from their research with their colleagues and international experts. The congress includes the following program items:

- Pre-courses and workshops
- Keynote lectures
- Social and entertainment program

TIMETABLE

Thursday
June 16th

08:00 - 09:00

Registration precourse day

Entrance MedCampus

09:00 - 09:30

Opening Ceremony

MC 3 (MED CAMPUS-Module 1)

09:30 - 12:00

Precourses I

Location: see under "Hands on Program"

12:00 - 13:00

Lunch

Aula (MED CAMPUS-Module 1)

13:00 - 14:00

KEYNOTE SCIENCE COMMUNICATION

MC 3 (MED CAMPUS-MODULE 1)

14:00 - 16:30

Precourses II

Location: see under "Hands on Program"

19:00 - open

open Pubquiz

Bar Feierlaune

TIMETABLE

Friday
June 17th

08:00 - 08:30

Registration congress day I

Entrance MedCampus

08:30 - 10:30

Sessions

UR 09: varia - oral session

UR 10: young science - oral session

online session 1

10:30 - 11:00

Coffee break

Aula (MED CAMPUS-Module 1)

11:00 - 12:00

Keynote Rare Diseases

MC 3 (MED CAMPUS-Module 1)

12:00 : 13:15

Lunch

AULA (MED CAMPUS-MODULE 1)

TIMETABLE

Friday
June 17th

13:15 - 14:45

Workshops

Location: see under "Hands on Program"

15:00 - 17:30

Sessions

MC 05: poster session 1

UR 10: internal medicine - oral session

16:15 - 17:30

online Session 2

online Session 3

17:00 - 18:30

Reception in the Town Hall

Main square

TIMETABLE

Saturday
June 18th

08:00 - 08:30

Registration congress day II

Entrance MedCampus

08:30 - 09:30

Sessions

UR 09: varia 2 - oral session

09:30 - 10:00

Coffee break

Aula (MED CAMPUS-Module 1)

10:00 - 11:30

Sessions

MC5: poster session 2

11:30 - 11:45

Coffee break

Aula (MED CAMPUS-Module 1)

11:45 - 12:45

Sessions

UR 09: neurology and psychiatry - oral session

UR 10: biochemistry and molecular biology - oral session

TIMETABLE

Saturday
June 18th

12:45 - 14:00

Lunch

Aula (MED CAMPUS-Module 1)

14:00 - 15:15

Keynote Lecture Performance under stress - Mindset training

MC 3 (MED CAMPUS-Module 1)

15:15 - 15:30

Award and Closing Ceremony

MC 3 (MED CAMPUS-Module 1)

17:30 - 19:00

City tour

Main square

KEYNOTES



1

SCIENCE COMMUNICATION WITH PROF MERZ

Professor Martina Merz is a physicist and head of the Department of Science Communication and Higher Education Research at the Alpen-Adria-Universität of Klagenfurt. Her research field encompasses the social and behavioral sciences. In 1985, she completed her diploma program in physics at the Ludwig-Maximilians-University in Munich and received her doctorate degree in 1990. Afterward, she worked as a postdoctoral research scientist at the Faculty of Sociology and Institute for Science and Technology Studies at Bielefeld University.



Martina Merz gained experience at many institutions, including the University of Berne, ETH Zürich, EPF Lausanne, University Lausanne and at the University of Helsinki. Following years of dedicated work, Dr. Merz became Professor of Science Studies at the Department of Science Communication and Higher Education Research at the University of Klagenfurt. Later, she took over the role of vice-rector of research in Klagenfurt.

Professor Merz research interests include interdisciplinary science and technology studies, the sociology of science, technology, innovation, and higher education, the sociology of knowledge & culture, qualitative social science research and gender studies.

In the age of information, millions of websites with an unfathomable amount of knowledge can be accessed within seconds. However, scientific information has to be communicated clearly and efficiently to facilitate knowledge transfer between experts and interested persons. Therefore, future researchers need to learn how to properly communicate scientific knowledge to patients, colleagues and the general public. Thankfully, Professor Martina Merz agreed to share her expertise with the ISC guests and shine a light on the core principles of Science Communication in her much anticipated keynote lecture at the International Student Congress.

KEYNOTES



2

RARE DISEASES IN AN INTERDISCIPLINARY APPROACH WITH M.D. ZOBEL



Joachim Zobel, M.D. has studied human medicine at the Medical University of Graz from 2009 to 2015. During his studies, the scientific focus was on paediatric intensive care medicine, especially on mechanical ventilation. The basic education took place at BKH Liez and 2016 he started his residency at Pediatrics and Adolescent Medicine at the Medical University of Graz. He is part of the Neuropaediatrics-Team since 2018 and started with the studies of medical science in the year 2017. Joachim Zobel, M.D., is a member of the Young European Paediatric Neurology Society, YEPNS, and a member of the commission of young neuropaediatrics. He works as a reviewer for some journals, for example the journal "Neuropaediatrics". At the moment his specialized science project deals with rare monogenetic epileptic encephalopathy, in cooperation with university hospital for human genetics. According this science project he often gives lectures, national and international.

3

PERFORMANCE UNDER STRESS - MINDSET TRAINING WITH KLARA FUCHS B.SC



Professional athletes not just train their muscles, they also train their mind so they'll be able to perform under pressure. In this keynote we will discuss these strategies so you'll perform at your best during your medical studies and in your future medical career - without getting too stressed out.

Klara Fuchs is a writer, blogger, sports scientist, certified mental trainer and medical student who has her own blog. For more information feel free to visit her website.

SURGICAL SKILLS



PRE CONGRESS WORKSHOP

During this workshop you will be able to learn and enhance your suturing skills by practicing a variety of techniques ranging from basics like surgeon's knot to simple interrupted suture to more advanced ones like back-and-forth sutures.

Moreover, the workshop will offer you the opportunity to learn more about laparoscopic surgery. The session will consist of basics about the technical background of laparoscopic cameras, with its correct guidance during such surgeries and taking part in a game of skill. Furthermore, during this workshop you can learn about haemostasis and the approaches during surgery. The whole session will be guided by a surgeon explaining and demonstrating the techniques and giving personal instructions and guidance, so you will never have to feel

overwhelmed during your studies and can ask as many questions as you wish. At the end of the day, you will take with you the basic knowledge and skills needed to enhance your future level of surgical abilities by an extent!

Participants will:

- Enhance their suturing skills
- Familiarize themselves with laparoscopic surgery
- Acquire knowledge about laparoscopic suturing
- Learn about the approaches to haemostasis during surgery

Location:

Department of Surgery, Section for Surgical Research, Auenbruggerplatz 29, 8036 Graz

IMPORTANT: we will meet at the meeting point! Please have a look at the attached site map (red arrow)

Time:

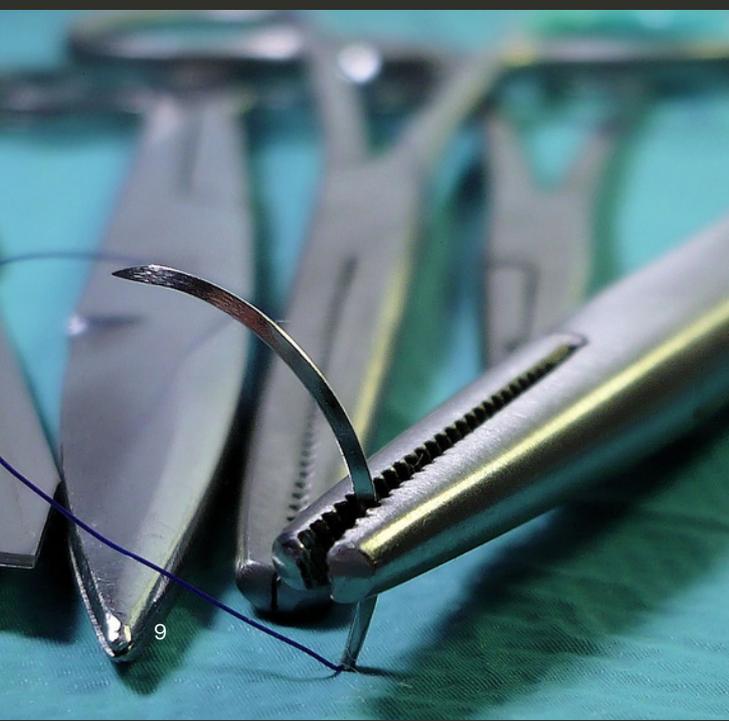
15.06.2022 08:00-10:00 (Meeting time: 07:30-07:45)

Language: English

Tutors:

Medical doctors from the department of general, abdominal and transplant surgery

PLEASE NOTE: due to the COVID-19 regulations in our hospital please bring a FFP2 mask with you!



HANDS ON PROGRAMS

WORKSHOPS I

Night Shift problems and how to solve them

Night Shift Problems - and how to solve them
Night shifts are filled with all kinds of problems varying from patients, who need sleep-inducing medication, up to patients, who suffer from dyspnoea caused by hypertensive pulmonary edema. In this workshop, you will learn basic emergency evaluation and some useful tricks and medications you can use. It will provide you with some guidance that will help you navigate through your night shifts. Target audience: Medical students / doctors

Tutor: Richard Brodnig
Location: UR 20

HIV - still a Worldwide Challenge

In the last years HIV/AIDS has changed from a deadly disease to a chronic infection. People living with HIV who adhere to an HIV treatment get an undetectable viral load and do not transmit HIV through sexual intercourse. They can grow old and have healthy children. But... Being HIV positive still means to be discriminated - over 50% of the recorded cases in Austria happened in the medical field. In the workshop, you get a worldwide overview about the situation of HIV/AIDS with a special focus on Austria and the work of the AIDS-Hilfe Steiermark information centre.

Tutor: Fellner Eva
Location: MC 03



HANDS ON PROGRAMS

WORKSHOPS II

Doctoral Programs at the Medical University of Graz

This workshop will introduce current PhD programs as well as the Doc Schools of the Doctoral Program of Medical Science at the Medical University of Graz and give information about admission criteria and application procedures.

Tutor: Miriam Sedej
Location: UR 09

Ready for Nightshift- X RAY Interpretation

When starting your career in medicine, it won't be long until your first nightshift. It's going to be just you and the patient in your emergency room. Are you going to wake up your on-call doctor at 4 a.m. just to ask him about that chest X-ray you ordered? In this workshop we will go through cases based on X-ray pictures that are very common in the night shift. It is going to be an interactive workshop that teaches you how to tell emergencies (that do require to wake your superior) from casualties.

Tutor: Tschauner Sebastian
Location: MC 02



Science Communication

This interactive workshop will introduce you to concepts of science communication. Effective research communication to the public is an asset to every scientist, because it promotes engagement and enhances visibility.

Tutor: Ariane Pessentheiner
Location: UR 17

HANDS ON PROGRAMS

WORKSHOPS III



Happy & Healthy (throughout your studies and life)

Working in the medical field is connected to stressful times and complicated situations for every one of us. In this workshop you will learn about how this influences your health and mind, what can you do to care for yourself and how you can profit from certain habits. We will also try out some relaxation exercise together so you can discover what suits you best.

Tutor: Christian Vajda
Location: UR 19

Basic Principles of Good Scientific Practice/scientific misconduct

This workshop is designed to introduce students into THE cornerstone of any career in research: the basic principles of Good Scientific Practice. Learn about the internationally accepted standards and why it is so important to internalize them in any research team's daily work. The workshop will also give examples of practices which are considered breaches of Good Scientific Science.

Tutor: Carolin Auer/ Susanne Scheipl
Location: UR 10

HANDS ON PROGRAMS

PRECOURSES I

Sono4You – Abdominal Sonography

In this course the participants are going to learn and reinforce the practical skill of abdominal sonography. It is important for us to teach structured procedures with a highly practical component in small groups of max. 5 students. Per group, there will be two tutors of the peer-teaching-group „Sono4You Graz“ helping the attendees to reach the learning target.

Tutor: Sono4You-Team
Location: UR 19

Sono4You – Heart Sonography

In this course the participants are going to learn and reinforce the practical skill of heart sonography. It is important for us to teach structured procedures with a highly practical component in small groups of max. 5 students. Per group, there will be two tutors of the peer-teaching-group „Sono4You Graz“ helping the attendees to reach the learning target. This course is only for participants which have some experience with sonography, because heart sonography is not so easy.

Tutor: Sono4You-Team
Location: UR 20



Symptom Based Diagnosis

In this course we support you in developing basic diagnostic skills. We guide through short clinical cases and present important spot diagnoses in an interactive manner. Three medical students who have already competed international diagnostic competitions will moderate this training and teach you how to interpret common clinical signs and how to elaborate the most likely diagnosis. In this course you will not only deepen your medical knowledge but also train your diagnostic abilities by using targeted diagnostics.

Tutor: Students
Location: UR 09

HANDS ON PROGRAMS

PRECOURSES II

Disaster Management – Practical Triage and Haemostatis

This course gives you the opportunity to learn and to train the fast patient-centred care and triage in multiple casualty incidents (MCI). After a short theoretical introduction the participants will train the triage on case studies and the fast treatment of critical bleedings on a training dummy. The highlight will be a big simulation with mimes.

Tutor: Lars Schäfer,
Jens Korn, Johannes Maierhofer
Location: MC 05 + UR 10



Motivational Interviewing

Motivational interviewing (MI) is a counseling approach that helps people find the motivation to make a positive behavior change, if they have mixed feeling about changing their behaviour. This precourse teaches you the basics of MI.

Tutor: Kerstin Pretterhofer
Location: UR 17

Medicine in Space

Did you ever wonder, what happens with the human body in space? Do you know, how much an astronaut and your grandparents have in common? In this workshop aspects related to spaceflight physiology, aging and medicine will be presented in a form of lecture. Prof Goswami will clarify these aspects and show the laboratory of Gravitational Physiology Aging and Medicine

Tutor: Goswami
Location: Lab of Gravitational Physiology

YOUR WAY AROUND GRAZ

WORLD HERITAGE. CAPITAL OF DELIGHT. CITY OF DESIGN



Graz at night (c) Graz Tourismus – Werner Krug

Graz is a lovely city in the south of Austria with a population of about 300.000. It is also the capital of Styria and the second largest city of Austria. The historic city center was added to the UNESCO list of world heritage sites in 1999 and in 2003 Graz was designated the cultural capital of Europe. Remarkably, Graz has four colleges and four universities with about 60.000 students. It is a modern city with a lot of history, which makes Graz a great place to live, study or visit.

No matter where you find yourself in the city, one of the many restaurants or bars is just around the corner to enjoy a meal or have a drink.

If you want to see more of our beautiful city you can go on a city tour with us on the 18th of June !



Uhrturm (c) Graz Tourismus – Harry Schiffer

SOCIAL PROGRAM



Pubquiz

When: Thursday, June 16th, 19:00

Where: Feierlaune, Harrachgasse 22, 8010 Graz (Basement)

Have you ever had the pleasure of attending a pubquiz? Here is your chance! Come unprepared and convinced that you and your colleagues are able to answer the weirdest questions! Besides of being a fun thing to do, this is a great chance to get to know your colleagues from other countries!

Welcome Reception in the Mayor's Hall

When: Friday, May 17th, 17:00

Where: We meet at Main square (Hauptplatz)

First built during the Renaissance in 1550 the original town hall was a simple three-storey building with hardly any ornaments at all and a prison inside. In 1803 the town hall was torn down and replaced by the building that has been standing next to the main square until nowadays. We will be welcomed by an official member of the city council and there will be the opportunity to ask questions about the city and of the county Styria. Afterwards there will be a bread-roll buffet with Styrian wine for whoever would fancy one! Make sure you wear your traditional dresses from your home country.

City Tour

When: Saturday, June 18th; 17:30

Where: Starting at the Main Square (Hauptplatz)

World heritage and Cultural Capital. Graz has many faces: Renaissance residence and student city. Romantic arcaded courtyards, bustling squares, medieval alleys, southern charm. A panorama of old and new. From the clock tower with its unusual hands to the island made of glass and steel. From the emperor's mausoleum to the "Kunsthauus" – the "friendly alien". Have a sensuous experience of a captivating city.

Don't forget to sign up for it during the first congress day !

GOOD TO KNOW

Public Bikes

There is the possibility to register online for the use of public bikes. If you want to rent a bike, visit www.grazbike.at

Tourist information

Herrengasse 16
8010 Graz,
<https://www.graztourismus.at>

Public Transportation

We recommend you to get a 3-Day-ticket for € 12.40. You can purchase the Ticket inside the trams at the ticket machines (but not inside the busses!!), at the tourist information or at the train station.

Emergency Numbers

122: Fire brigade
133: Police
144: Paramedics
112: International
Emergency Number

MEET THE TEAM

THE PEOPLE WHO MAKE UP THE ISC



MEET THE TEAM

OUR TEAM LEADERS



SANELA NIKODIJEVIC
President



SABRINA STIMMEDER
Vice president



PATRICK REBNEGGER
Team leader Public Relations



LARS SCHÄFER
Team leader Hands-on Program



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Team leader Scientific Program



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CONTACT US

International Student Congress
Auenbruggerplatz 2, 8036 Graz, Austria

<https://www.international-student-congress.info>
isc@medunigraz.at | @isc_graz