

a new generation of scientists

YSSP

Young Scientists Summer Program



YSSP Calendar 2013

Welcome

by the IIASA Director and Chief Executive Officer



Starting today, you will be part of one of the most cherished and acclaimed programs of the International Institute for Applied Systems Analysis. The Young Scientists Summer Program (YSSP) is known all over the world as the training ground for future applied systems scientists and analysts.

Today, policymakers around the globe ask for problem-focused, solution-oriented, interdisciplinary research to help them with their complex decisions. They may not state it explicitly, but they are really asking for systems analysis. IIASA offers hands-on practical experience with applied systems analysis in its YSSP, and offers it in a multinational and multicultural setting.

You have been selected from many applicants to participate in this exciting opportunity and are about to start your three months' stay. You will be working on your research project and enjoying the company of some 50 other young scientists. It is going to be an exciting summer!

As the Director of IIASA I warmly welcome you to the Institute. More than 1,673 participants from 84 different countries have preceded you in IIASA's Young Scientists Summer Program. They came from all over the world and have returned to achieve high positions in science, business, and government. Some returned to IIASA as research scholars; others continued to work as close collaborators in IIASA's large research network. All report fond memories of their time at Schloss Laxenburg.

It all started in 1977, five years after the foundation of IIASA, when Roger Levien (Director of IIASA, 1975–1981) opened the first young scientists program. His argument for having a special program for young scientists was that it was very difficult, in those days, to find excellent scientists specialized in "systems analysis."

"From its inception," Roger Levien says, "the Institute recruited mature scientists with strong disciplinary research backgrounds, formed them into interdisciplinary and international teams, and applied them to policy-relevant problems. The results were mixed: it is difficult for experienced scientists, nurtured on the research paradigms of their fields, to develop new approaches in mid-career" (Options, Autumn 2002). The Institute needed to build a new cadre of applied systems analysts; and so it did.

This summer's program follows on the next pages and you will see how interesting it is. While your research project will be a major part of your stay, the YSSP also offers opportunities for you to widen your horizons by participating in discussions with IIASA scientists, attending seminars given by invited prominent speakers, or contributing to various ad hoc science groups.

Or you can take part in all of the above. And be sure to join the social activities and sports events.

I wish you a great summer at IIASA!

Director and Chief Executive Officer Professor Dr. Pavel Kabat

June 2013

Welcome

by the IIASA YSSP Dean and Team

We, the YSSP Team—Joanne, Tanja, Aleks, Warren, Brian, and Serge—join the Director and all IIASA staff in extending a warm welcome to you. Joanne is the YSSP Dean and provides leadership for the program in support of the scientific and social curricula. Tanja and Aleks coordinate the non-scientific part of the YSSP and are the first contact persons for all administrative and social matters. Brian and Warren are the scientific coordinators and, together with Joanne, are responsible for organizing the scientific program. Serge provides computer and technical support, as well as assisting in coordinating some of the YSSP social events.

Welcome to the YSSP 2013! We look forward to interacting with you and to making your YSSP experience scientifically productive and socially enjoyable.



Joanne Linnerooth-Bayer



Tanja Huber



Aleksandra Cofala



Warren Sanderson



Brian Fath



Serge Medow

YSSP Team:

- Dean:** Joanne Linnerooth-Bayer
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- Scientific Coordinators:** Brian Fath
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YSSP CALENDAR 2013

OFFICIAL EVENTS

Welcome Reception – Arrival at IIASA

- When:** Monday, 3 June 2013, 09:00–09:45
- Where:** Paradise Garden
- Meet:** YSSP Team, YSSP Program Representatives, Head of Human Resources, and many others
Refreshments will be served

Official Opening – Part 1

- When:** Monday, 3 June 2013, 10:00–10:30
- Where:** Gvishiani Room
- Meet:** Pavel Kabat, *Director*
Welcome to IIASA
Brian Fath, *YSSP Scientific Coordinator*
Introducing the Summer Program and the Team



Integration into IIASA Programs and Introduction to Supervisors

- When:** Monday, 3 June 2013, 10:30–12:00
- Where:** Gvishiani Room (program representatives will pick you up from here)
- Meet:** YSSP Program representatives & YSSP supervisors
Lunch with your Research Program (another lunch with your Research Program is planned for 4 June).

Learn about the YSSP Calendar 2013 & Scholarship Awards

- When:** Monday, 3 June 2013, 14:00–15:00
- Where:** Gvishiani Room
- What:** YSSP Calendar — Your Summer Guide
Find out about the great variety of scientific and social activities, get information on the Aurelio Peccei and Valdimir S. Mikhalevich scholarships, and ask any questions you may have.
- 15:00–15:15 *Coffee Break*

Official Opening – Part 2

When: Monday, 3 June 2013
15:15–17:00

Where: Gvishiani Room

What: Briefings

Walter Foith *Head of Human Resources*
General Information

Natalia Ovchinnikova *Library Team*
Introduction to IIASA's Library Services

Stefanie Andruchowicz *STAC Deputy President*
Overview of STAC (Staff Association Committee)

Joe Undercoffer *Head of Information & Communication Technologies*
Introduction to IIASA's Computing Environment



Breakfast with IIASA Council Members

Invited by IIASA Director Pavel Kabat and his wife Anneke Kabat-Gesellschaft

When: Tuesday, 4 June 2013, 08:15–09:30

Where: Schlossrestaurant, Laxenburg, Backyard Area

What: Get to know your Council Members

Who: YSSPers, Council Members

Logistics: Bus transportation will be provided as of 07:30 from the Simmering dormitory

Luncheon with Roger Levien

Roger Levien, former IIASA Director (1975-1981) and founder of YSSP, will be sharing some interesting facts about the program over lunch and is looking forward to meeting you all.

When: Wednesday, 5 June 2013, 12:00–13:00

Where: Schlossrestaurant, Laxenburg: Green Coffee Room

Human Resources Briefing and Photographs

When: Thursday, 6 June 2013
Individual groupings to be announced

Where: General Purpose Building, 2nd floor

...and Tick Shots

- When:** **First tick shot:** Thursday, 6 June 2013, 13:00–17:00
 Second tick shot: Thursday, 20 June 2013, 14:00– 7:00
 Individual groupings (see hand out in your welcome folder)
- Where:** Dr. Schuster’s office, General Purpose Building, 2nd floor

Introductory Workshop

IIASA Program Leaders briefly present the Programs’ research areas and YSSPers present the research they will be conducting during this summer.

This gives you an opportunity to pass on brief details of your research to your fellow YSSPers, such as its title, objective, and focus, what motivates your research, and why you find it challenging. (Note: your abstracts and biographies will be available at the venue).

- When:** Friday, 7 June 2013, 09:00–17:00
- Where:** Gvishiani Room
- Agenda:** 09:10 Advanced Systems Analysis (ASA)
 09:50 Evolution and Ecology (EEP)
 10:50 Energy (ENE)
 11:20 Ecosystems Services and Management (ESM)
 12:00 *Lunch*
 14:00 Mitigation of Air Pollution and Greenhouse Gases (MAG)
 14:30 World Population (POP)
 15:20 Water (WAT)
 16:00 Transitions to New Technologies (TNT)
 16:15 Risk, Policy, and Vulnerability (RPV)

Opening “Heuriger”

- When:** Friday, 7 June 2013
- 17:30 Leave for Evening Event (Pick up at the
 Schloss entrance)
- 18:00 Dinner at “Heuriger Hofstädter” (wine tavern
 in Guntramsdorf)
- 21:00 Transportation back to Vienna
- Meet:** YSSPers and IIASA staff



Historical Tour through the Castle

- When:** Monday, 10 June 2013, 15:00–16:00
- Where:** Schloss Entrance Area
- Who:** Brian Fath, YSSP Scientific Coordinator

Election of your YSSP Delegates and Informal Thematic Discussions

The YSSP delegates interact closely with IIASA's YSSP Team to co-organize and encourage additional scientific activities and also to inform the YSSP Team about any social or other issues that may arise.

When: Monday, 10 June 2013, 16:30–17:30

Where: IIASA Schloss Restaurant – open area in front of the entrance

What: YSSPers elect their delegates and interact with fellow participants working in a related research field.

Detailed Introduction to Library Services and Use

When: Wednesday, 12 June 2013

09:30–10:15: ESM & WAT

10:15–11:00: EEP & MAG & ASA

11:00–11:45: RPV & ENE & TNT & POP

Where: IIASA Library

Who: Michaela Rossini, Acting Head of Library

What: Individual visits to the IIASA Library in groups according to IIASA programs.



Mid-term Presentations

When: Wednesday, 24 July 2013, 16:00

Where: Wodak Room

What: 1 YSSPer per Program introduces the latest findings of his/her fellow YSSPers.

The presentations are followed by a BBQ hosted by IIASA Director Pavel Kabat.

Late Summer YSSP Workshop

At this event, you present your research findings to your colleagues and other IIASA scholars.

When: Monday, 26 August 2013, 09:30–12:30 and 13:30–17:30

Tuesday, 27 August 2013, 09:30–15:00

Where: Wodak and Gvishiani Rooms

Award Ceremony and Farewell Dinner & Dance

When: Thursday, 29 August 2013, 17:30–24:00

Where: Gallo Rosso restaurant, Laxenburg (venue to be confirmed)

Logistics: Transportation from Laxenburg to Vienna will be provided



YSSP PROGRAM 2013

SCIENTIFIC PROGRAM

Seminars, Workshops, and More

This section gives an overview of the scientific events that are planned for the summer. The program includes seminars, workshops, and other activities, which we hope will enrich your summer by:

- Acquainting you with IIASA scientists and their research,
- Providing feedback on your research,
- Stimulating interdisciplinary inquiry,
- Providing information on specialized research tools, and
- Simply adding to your YSSP experience.

In addition, IIASA has arranged regular lectures by internal and external speakers which you are welcome to attend. We will keep you updated on summer events on the online YSSP calendar (see www.iiasa.ac.at/YsspCalendar2013)

While these activities are not mandatory, we encourage you to participate actively and use the opportunity to broaden your perspective and knowledge. If you would like to hear more about IIASA research, or organize a discussion group or other activity, the YSSP Team is happy to assist.

Wishing you a stimulating and productive summer,

The YSSP Team



YSSP-led Discussion Seminars

Hot topic panel discussions

Science informs policy and stakeholders in our multicultural and multidisciplinary world. Yet, within these complex topics many questions arise about the core understanding and purpose of the scientific and social contribution. The objective of these workshops is to explore multiple angles of pressing important topics in a panel dialog format. For example, some topics could include:

- The future for geo-engineering
- Ecosystem services: Can we value nature and who should pay?
- Demographic dividend: Managing (and encouraging?) low fertility rates
- Future of agriculture: GMOs, biofuels, and urban farming
- Climate response: Adaptation, mitigation, and GHG targets
- Is sustainability possible?

Other topics are possible based on YSSP preferences. Scientific delegates should, with facilitation by YSSP scientific coordinators, identify panelists to represent the topic perspectives (YSSPers, IIASA staff, external speakers, etc).

When: Wednesday, 3 July, 17 July, 31 July 2013, 11:00–12:30

Where: Wodak Room



Invited Speaker

Brian Collins

Professor Brian Collins, Faculty of Engineering University College London will give a talk on urban sustainability, with engagement of some of your YSSP colleagues (detailed abstract to follow).

When: Wednesday, 7 August 2013, 11:00–12:30

Where: Wodak Room

Other Activities on Offer

Short Course on Data Analysis in R

R is an open source platform for statistical computing. It is free for anyone to download anywhere, and is available for most operating systems (Windows, Linux, Apple). This course will teach you how to get started in R, including basic data analysis and graphical functions. It is intended for absolute beginners; a basic background in statistics will be assumed.

When: Tuesday, 11 June 2013, 14:30–16:30
Wednesday, 12 June 2013, 14:30–16:30

Where: Wodak Room

Who: Carl Salk, Guest Research Scholar, ESM

Manuscript Preparation Workshop

Much of the research that IIASA scientists produce is published in interdisciplinary journals, and frequently these journals lack clear guidance as to the structure and content of research articles. After a good deal of interdisciplinary experience in reading, writing, advising others on their writing, peer reviewing, and, most importantly, editing, Anthony Patt has come to the realization that a little bit of guidance could make the task of writing an interdisciplinary research article much easier. Of particular importance is the fact that few people— even editors and reviewers— will spend very much time actually reading the article. In this presentation he describes a straightforward process for turning your results into an article that will be accepted, published, and cited.

When: Wednesday, 19 June 2013, 11:00–12:30

Where: Wodak Room

Who: Anthony Patt, Senior Research Scholar, RPV

3rd Viennese Talks on Resilience Research & Networks:

When Networks fall apart - Managing Cohesion in a World under Stress

Core question: What is it that holds socio-ecological networks together and keeps them from falling apart?

The workshop brings together scientists, activists, and entrepreneurs from the field of systems ecology, network theory, resilience theory, urban ecology, social dynamics, etc., to discuss the role of ecological and social cohesion within the broader framework of resilience theory. The focus will be on new insights and findings in the context of the adaptive cycle model, scaling laws, and structural fold theory; there will be input from entrepreneurs and activists on how to manage network cohesion in practice, ranging from new technologies of sharing to new balanced score cards to manage transversal cross-scale links in organizations.

When: Friday, 21 June 2013, 09:00–17:00

Where: Haus der Industrie, Schwarzenbergplatz 4, 1031 Wien/Vienna

Organizers: Harald Katzmair (FAS.Research) and Brian D. Fath (IIASA)

Media Training Course

Get a hint on how to communicate scientific messages to the general public, journalists, and policymakers.

When: Wednesday, 26 June 2013, 11:00–11:30

Where: Raiffa Room

Who: Katherine Leitzell, Press Officer and Communications Specialist, IIASA

Climate Change Negotiation Simulation

During this session we will simulate the post-2013 climate change negotiations under the UNFCCC. Participants will be actively involved and will take individual countries' positions. Can we finally come to an agreement and sign a "Vienna Protocol"?

Participation also requires participation in the prep meeting.

When: Monday, 8 July 2013 (preparatory meeting), 11:00–12:30
Wednesday, 10 July 2013 (simulation game), 13:30–17:15

Where: Wodak Room

Who: Fabian Wagner, Senior Research Scholar, MAG

Workshop on Introduction to GIS (Geographic Information Systems)

This workshop will consist of one three-hour session. The session will begin with a lecture covering the basics of GIS, namely, vector and raster data, spatial analysis, ArcGIS, and Quantum GIS (an open source GIS package). The lecture will be followed by a hands-on section where participants can work through a series of exercises to learn ArcGIS or Quantum GIS, depending on their interests. Participants should bring their own laptops with GIS software to the session.

Please register your interest prior to the workshop by emailing Linda See so that we can discuss getting the software installed on your laptops. This workshop is aimed at users with no or limited GIS experience. Anyone with moderate or advanced GIS experience can contact Linda See direct to discuss any GIS issues they have throughout the summer.

When: Wednesday, 24 July 2013, 09:00–12:00

Where: Wodak Room

Who: Linda See, Research Scholar, ESM



EXTRACURRICULAR SOCIAL ACTIVITIES, SUMMER 2013

What the YSSP Team or STAC (Staff Association) Have Planned for You

Date	Event
7 June	YSSP Dinner Invitation to a Local Wine Tavern ("Heuriger")
8 June	YSSP Vienna Tour
14–16 June	YSSP Weekend Trip to Hallstatt, Austria (own expense)
20 June	YSSP/STAC Midsummer Party
1 July	STAC Canadian Pancake Breakfast
4 July	STAC American Day
1 August	STAC Triathlon
4 August	STAC Wine-tasting Excursion (own expense)
8 August	STAC Asian Day

Throughout the Summer:

Tennis, Table Tennis, Volleyball, Yoga, and Soccer (incl. tournaments)

Swimming (public swimming pool within walking distance; €1.20 entrance fee)

t.b.a. YSSP Boat Race & BBQ

t.b.a. Movie Sessions: Oceans, The End of the Line, Earth: The power of the Planet (BBC documentary), and David Attenborough's award-winning Planet Earth.

t.b.a. Vernissages

In addition, you may like to organize your own social activity (e.g., exploring Vienna's social scene, various trips around Austria, etc.). The YSSP team can help you with these events by providing local information and tips.



2013 YSSP Calendar of Scientific & Official Events

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1 June Arrival at Dorm	2 June
3 June Official Opening	4 June Breakfast with Council	5 June Lunch with Roger Levien	6 June Briefing HR, Tick Shots	7 June YSSP Introductory WS, Evening Social Event	8 June Vienna Tour	9 June
10 June Historical Tour through the castle, Election of YSSP Delegates	11 June Data Analysis in R WS	12 June Library Tour Data Analysis in R WS	13 June	14 June Trip to Hallstatt	15 June Trip to Hallstatt	16 June Trip to Hallstatt
17 June	18 June	19 June Manuscript Preparation WS	20 June Tick Shots (2nd round)	21 June Resilience WS (optional)	22 June	23 June
24 June	25 June	26 June Media Training Course	27 June	28 June	29 June	30 June
1 July	2 July	3 July YSSP-led Discussion Seminar	4 July	5 July	6 July	7 July
8 July Climate Change WS – Prep meeting	9 July	10 July Climate Change WS – The Game	11 July	12 July	13 July	14 July

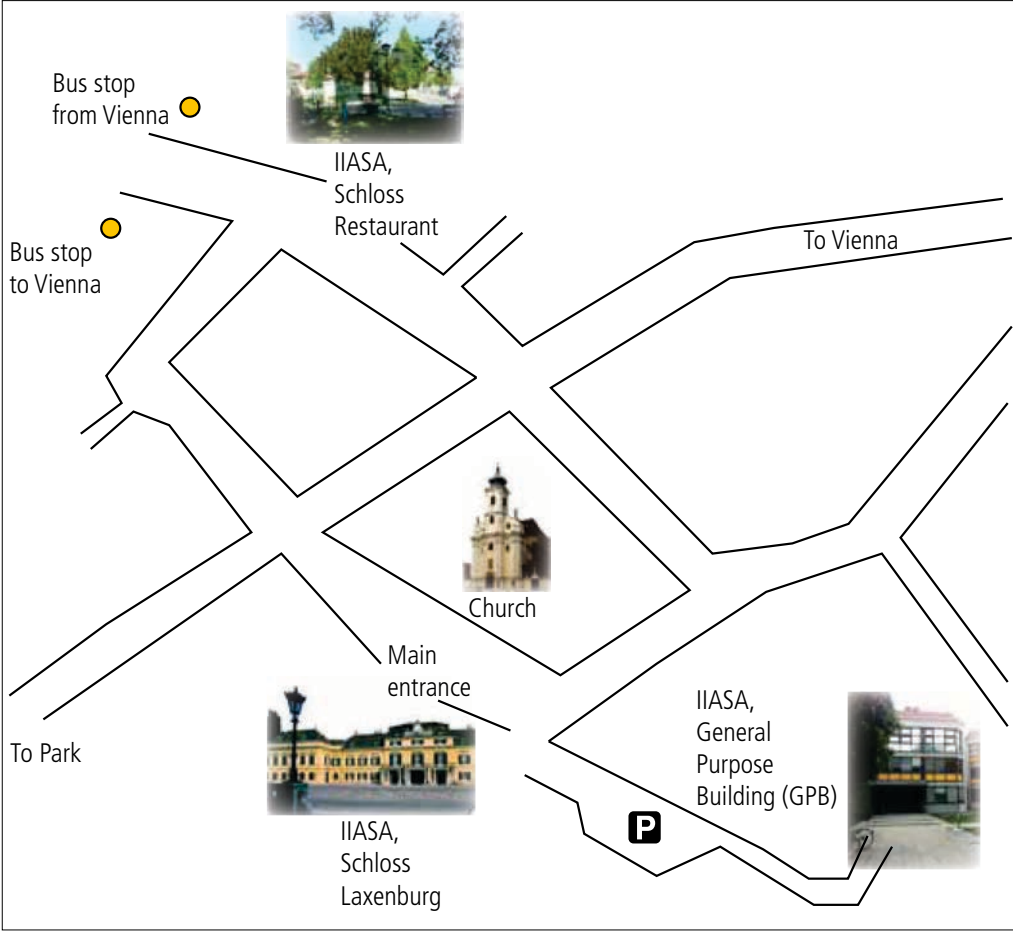
HR: Human Resources

Public holidays and weekends are shown in blue

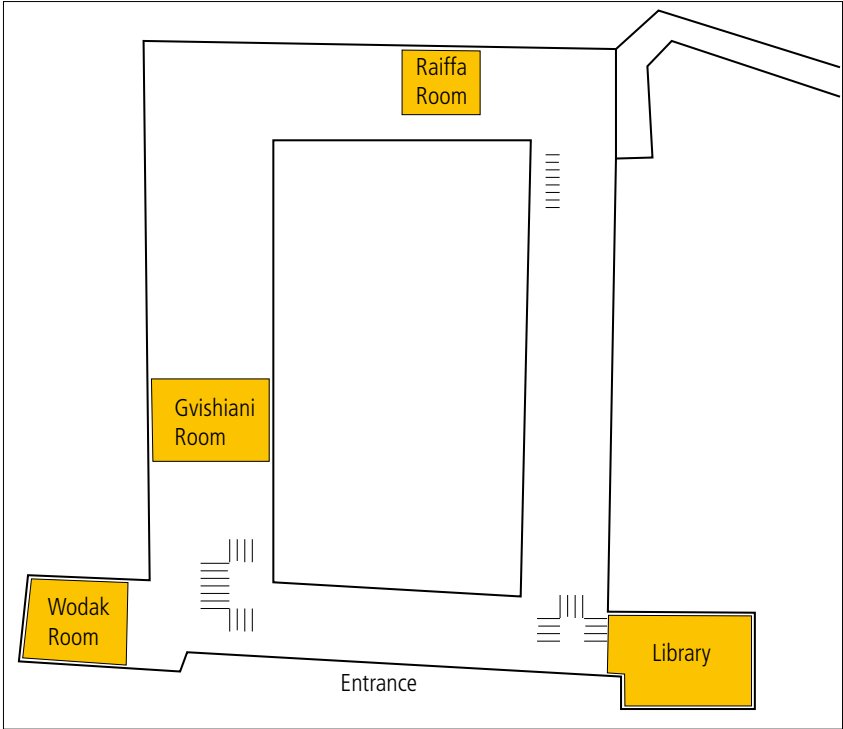
Mon	Tue	Wed	Thu	Fri	Sat	Sun
15 July	16 July	17 July YSSP-led Discussion Seminar	18 July	19 July	20 July	21 July
22 July	23 July	24 July GIS WS Mid-term Presentations & BBQ	25 July	26 July	27 July	28 July
29 July	30 July	31 July YSSP-led Discussion Seminar	1 August	2 August	3 August	4 August
5 August	6 August	7 August Invited Lecture Brian Collins	8 August	9 August	10 August	11 August
12 August	13 August	14 August	15 August	16 August	17 August	18 August
19 August	20 August	21 August	22 August	23 August	24 August	25 August
26 August Late Summer WS	27 August Late Summer WS	28 August	29 August Final Awards Ceremony	30 August	31 August	

Maps to Help you Find your Way around in the First Few Days

Center of Laxenburg




IIASA, Schloss Laxenburg, 1st floor



Bus Schedule between Laxenburg and Vienna (Bus number 566)

From Vienna (Südtirolerplatz) to Laxenburg

POSTBUS		
WIEN SÜDTIROLER PLATZ - LAXENBURG		
	Montag - Freitag	Sonn/Feiertag
	wenn Werktag	wenn Werktag
	05:55 06:15 07:00 07:25 07:40 07:55 08:25 08:55 09:25 09:55 10:25 10:55 11:25 11:55 12:25 12:55 13:25	06:55 07:55 08:25 08:55 09:55 10:55 11:55 12:55 13:55 14:55 15:55 16:55 17:55 18:55 19:55 20:25 20:55 21:55 23:55
	13:40 13:55 14:25 14:55 15:25 15:55 16:25 16:40 16:55 17:25 17:55 18:25 18:55 19:25 19:55 20:55 22:25	
		05:55 07:00 07:55 08:55 09:55 10:55 11:55 12:55 13:40 13:55 14:55 15:55 16:55 17:55 18:55 19:55 20:55 21:55 23:55
ASPANGBAHN WIEN SÜDTIROLER PLATZ - LAXENBURG		
Abfahrt Busbahnhof Südtiroler Platz		
	06:05 07:05 12:30	14:30 15:30 16:30 17:30
		
EIN SERVICE DER MARKTGEMEINDE LAXENBURG		

From Laxenburg to Vienna (Südtirolerplatz)

POSTBUS		
LAXENBURG - WIEN SÜDTIROLER PLATZ		
Abfahrt: Laxenburg Franz Joseph-Platz		
Erholungszentrum: 2 Min. vorher		
Wiener Straße: 1 Min. später, Leopold Figl-Straße: 2 Min. später		
	Montag - Freitag	Sonn/Feiertag
	wenn Werktag	wenn Werktag
	05:17 05:35 06:05 06:10 06:30 06:50 07:20 07:50 08:20 08:50 09:20 09:50 10:20 10:50 11:20 11:50 12:20 12:50	06:50 07:20 08:20 09:20 10:20 11:20 12:20 13:20 14:20 15:20 16:20 17:20 18:20 19:00 19:35 20:20 21:20
	13:20 13:41 13:50 14:20 14:35 14:50 15:20 15:45 15:50 16:20 16:50 17:20 17:50 18:28 19:00 20:20 21:20 12:50	05:17 06:20 06:50 07:28 08:20 09:20 10:20 11:20 12:20 12:50 12:56 13:20 14:20 15:20 16:20 17:20 18:20 19:00 19:35 21:20 21:50
		17:50 18:20 19:00 19:35 21:20 21:50
ASPANGBAHN LAXENBURG - WIEN SÜDTIROLER PLATZ		
Abfahrt Bahnhof Laxenburg-Biedermansdorf		
	06:07 07:07 08:07 13:32	15:32 17:32 19:34

THE YSSP PROGRAM REPRESENTATIVES

Energy and Climate Change

ENE	Nils JOHNSON johnsonn@iiasa.ac.at ; ext. 490	Energy
MAG	Jens BORKEN-KLEEFELD borken@iiasa.ac.at ; ext. 570	Mitigation of Air Pollution & Greenhouse Gases

Food and Water

EEP	Ulf DIECKMANN dieckmann@iiasa.ac.at ; ext. 386	Evolution and Ecology
ESM	Florian KRAXNER kraxner@iiasa.ac.at ; ext. 233	Ecosystems Services and Management
WAT	David WIBERG wiberg@iiasa.ac.at ; ext. 588	Water

Poverty and Equity

RPV	Susanne HANGER hanger@iiasa.ac.at ; ext. 508	Risk, Policy and Vulnerability
RPV	Anna Scolobig scolobig@iiasa.ac.at ; ext. 389	Risk, Policy and Vulnerability

Drivers of Global Transformations

POP	Marcin STONAWSKI stonaw@iiasa.ac.at ; ext. 303	World Population
TNT	Nils JOHNSON johnsonn@iiasa.ac.at ; ext. 490	Transitions to New Technologies

Systems Analysis

ASA	Brian FATH fath@iiasa.ac.at ; ext. 605	Advanced Systems Analysis
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STAY IN TOUCH

THE IIASA ALUMNI ASSOCIATION

KEEPS YOU INFORMED ABOUT

IIASA COLLEAGUES!

At the end of your YSSP stay, all of you will be IIASA alumni/ae (from the Latin, “nourished”). You will be leaving, nourished and hopefully enriched, with certificates as proof. Most likely you will take with you positive memories of a productive and enjoyable stay at IIASA, as well as new ideas, contacts, and relationships that inevitably develop during the summer.

The IIASA Alumni Association hopes to help you maintain a continuing relationship with the Institute and colleagues, by keeping the information that you give us about your activities up-to-date and publishing what you would like others to know about your whereabouts, your work, and your interests.

Through the Alumni Association, IIASA also wishes to keep you informed about new programs that you might find interesting; to ask your help in making YSSP and IIASA better known; to receive feedback and ideas about the Institute, its programs, and possible future areas of research.

When the summer is almost over, you can join the IIASA Alumni Association. You are cordially invited to drop by the Alumni Association’s office in the Schloss, Room 13—if unattended, please send an email to Aleksandra Cofala, at cofaleks@iiasa.ac.at. Aleks will also be happy to assist you in any way she can with questions about the non-academic part of your stay here.

The Alumni Association wishes you a most successful three months, and looks forward to helping you remain an important part of the Institute’s extended family when you leave.

Contact:

Aleksandra Cofala
YSSP Team Assistant
OSR Development Assistant
cofaleks@iiasa.ac.at



IIASA's Young Scientists Summer Program

IIASA's annual Young Scientists Summer Program (YSSP) is a three-month (June–August) research activity for advanced students whose interests correspond to IIASA's core research themes: Energy and Climate Change; Food and Water; and Poverty and Equity.

In most cases, those accepted are fully funded by one of IIASA's National Member Organizations.

Widely recognized and highly regarded, the YSSP offers a unique opportunity to acquire international experience, enhance research skills, and become part of a worldwide network of interdisciplinary and cross-cultural specialists. Since 1977 more than 1,673 graduate students from 84 countries have participated in the Program.

During the three-month period, young scientists work closely with IIASA researchers in international and interdisciplinary fields. Guided by senior scientists, participants develop and expand their research topics. A program of seminars and lectures by short-term visiting scholars and collaborators introduces the students to research carried out on global problems within IIASA and at other institutions around the world. At the end of the summer, participants complete papers or reports on their research activities, which usually contribute to their doctoral theses.

What a young scientist wrote about the YSSP

"The YSSP helped me look at my research from fresh angles," wrote Sarah Elizabeth Staveteig of the University of California, Berkeley. "It offered the springboard I needed to move from coursework to productive independent research. I've returned with a potential dissertation chapter, lots of new ideas on how to proceed, and a new network of colleagues, friends, and potential collaborators from around the world." She was writing in the science journal *Nature* about her time as a YSSP student at IIASA in summer 2004.

Further information on the YSSP: www.iiasa.ac.at/yssp

or: Via the Facebook group: YSSP—Young Scientists Summer Program at IIASA

or: YSSP, International Institute for Applied Systems Analysis

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