



# International Summer University 2018

Research Institute at the Science Section of the Goetheanum

## Accommodation & Meals

For Week 1, participants are responsible for their own accommodations and meals. A list of contacts for accommodations is on our website. Week 2 will be spent at Haus Städelfluh, CH-3919 Blatten (Lötschen) in simple dormitories with 4-6 beds. For those arriving early or requiring more privacy, hotel rooms are available about 15 minutes away (costs to be paid by participant.) **Participants are expected to arrive in the Lötschental by the evening of Sunday July 29.** Arrangements can be made for pickup at the local bus/train station.

Transportation from Dornach to the Lötschental will be arranged (approx CHF 50.- per person.) Travel costs are **not** included in the course fee. Housing and vegetarian meal costs for Week 2 are covered by the “accommodations & meals” fee.

## Course Fees

- Course fee for both weeks CHF 900.- (regular) 750.- (students)
- Early registration (until June 9) CHF 750.- (regular) 595.- (students)
- Accommodation & meals for Week 2 (does not include travel costs) CHF 380.-
- Participation for only one week by special request.

## To Register

Send or email registration in writing to the Research Institute. Include your name, mailing address, email address and phone number. If you are applying for the student rate, include a copy of your student ID. You will be sent an invoice, to be paid in full prior to your arrival. For early registration discount, payment must be received before June 30.

## Registration deadline

June 30, 2018 (Early registration deadline: June 9, 2018)

## Cancellation Policy

Cancellations must be submitted in writing. Written cancellations received by July 8, 2018 (two weeks prior to the course) will receive a full refund. After that date, 70% of the course fee will be refunded, but there will be no refund for the “accommodations & meals” fee. No refunds can be given once the course begins.

## Please Bring

- coloured pencils, drawing paper, notebook
- sleeping bag and pad
- warm and waterproof clothing, raingear, hiking shoes and slippers
- sun protection (hat, sunscreen, sunglasses), backpack, water bottle

# Polarities in Space and Time



**July 23 - August 4, 2018**

Venue: Dornach and Lötschental, Switzerland

Languages: English and Mandarin Chinese

## REGISTRATION

Research Institute at the Science Section  
Goetheanum, Postfach, CH-4143 Dornach

## INFORMATION

[science@goetheanum.ch](mailto:science@goetheanum.ch)  
[www.science.goetheanum.org](http://www.science.goetheanum.org)



## International Summer University 2018

This year we aspire to cover two topics. During the first week in Dornach, we invite participants to become acquainted with Goethean Science. We will experience (in a nutshell) the three different methods Goethe outlined to study non-living nature, plants and animals, and the humanities. Afternoon excursions will help us access these methods through observation exercises. During the second week in the alpine region of Lötschental, we will explore the evolution of animals and plants in a changing environment – from the first rim of iceless rocks down to the pastures around the farm houses.

### Week 1

Our theme will be polarities in nature. Exercises in projective geometry will help us understand the inner connection of the (infinite small) point and its (infinite straight) line. Excursions to the Jura and the Vosges mountains will reveal the polarity of limestone and silica with respect to the forms of their rocks, their modes of erosion, the creeks they form, and the plants whose growth they promote. An understanding of limestone and silica as proposed by Rudolf Steiner in the Agriculture Course will evolve out of our activities.

### Week 2

Mornings will begin with guided observations followed by a study of the human being as outlined in Rudolf Steiner's seminal work on education (General Anthropology as a Foundation for Pedagogy, GA 293). Then we will explore the evolution of man and the biological prerequisites for walking, speaking and thinking. We want to discover the significance of these faculties for human beings and how they might have arisen in each of us through human companionship. In the afternoons we will explore geology, flora and fauna – working our way from our base in the valley floor towards the glacier mouth. We will study a new area each day as we approach the glacier. A long walk on the last day will bring us to the glacier mouth, where water, earth, light and iciness meet. We will draw landscapes, identify and paint plants, grasp atmospheres, follow animals, and deepen our impressions through daily contemplative exercises.

### Course Leaders

Johannes Wirz, Johannes Kühl, João Felipe Toni

The International Summer University is organized and led by faculty of the Research Institute at the Science Section of the Goetheanum. It is open to anyone interested in a Goethean scientific approach to nature.

### Questions

Please contact us via email at [science@goetheanum.ch](mailto:science@goetheanum.ch) or visit our website.

## Week 1 – Polarities in Nature – Dornach

	Monday JULY 23	Tuesday JULY 24	Wednesday JULY 25	Thursday JULY 26	Friday JULY 27
<b>8.30-9.15</b>	Projective Geometry				
<b>9.15-10.45</b>	Inorganic Nature	Plant Morphology	Day Trip to Jura Mountains	Threefoldness of Animals	Day Trip to Vosges Mountains
<b>11.15-12.45</b>	Physics	Botany		Zoology	
<b>12.45-14.45</b>	<i>Break</i>	<i>Break</i>		<i>Break</i>	
<b>14.45-17.00</b>	Excursion Eremitage	Excursion Goetheanum		At the Bee Hive	
<b>17.30-18.00</b>	Meditation 1	Meditation 2		Meditation 3	

## Week 2 – the Human Being and Evolution – Lötschental

	Monday JULY 30	Tuesday JULY 31	Wednesday AUGUST 1	Thursday AUGUST 2	Friday AUGUST 3
<b>8.30-9.00</b>	Observation Exercises				
<b>9.00-10.15</b>	Study of the Human Being				
<b>10.45-12.00</b>	Evolution of Mankind				
<b>12.00-13.00</b>	<i>Break</i>				
<b>13.00-17.30</b>	Project: From the Valley Floor to the Glacier Mouth				
<b>17.45-18.15</b>	Contemplative Exercises				

*Schedule is subject to change.*

Day Hike to  
Glacier Mouth