

Topics

Our relation to Nature

Our involvement with the world of the senses, with the earth, is central to our science. This contributes significantly to culture, including the culture of anthroposophy. How should this involvement take place amidst the current profusion of digital images and global crises (climate, dwindling resources, industrial agriculture)?

Our relation to Science and Society

Science affects society through its depiction of nature and the human being as well as through the technologies that it produces. In which direction do we want its formative influence on the human being to develop? What challenges should Goethean science pose in the age of large projects such as CERN, genomics, systems biology, nanotechnology etc?

Our relation to Anthroposophy

What is the significance for our work of Rudolf Steiner's many indications and suggestions about the relationship of the world of the senses to that of the spirit? In what way is science helped by meditative work? Furthermore, Rudolf Steiner envisaged the possibility of new social forms determined by the kind of thinking used in science. How does the way we think inform the way we will live together in the future?

Working Groups

Ruth Richter, Pablo Grassi: Biological systems or living beings – a Discussion about the understanding of life in synthetic biology, ethics, society and Goethean science

Matthias Rang, Johannes Kühl: What can students learn from quantum physics? – Questions on the issue of quantum physics at the college level and in upper school

Markus Buchmann, Christine Sutter: Research on formative forces (Bildekräfteforschung) – Current practices and challenges for the future

Johannes Wirz, Bernd Rosslenbroich, Nikoloz Tsikolia: The Potential of Goethean science in the 21st century – Reasons why modern life sciences and Goethean science are approaching each other

Peer Schilperoord, Kathrin Studer: Proteus and Protein – On the archetypal plant

Torsten Arncken, Carsten Gründemann: Gestures of metals in the taste of salts and in the scent of plant substance

João Felipe Toni: Plant morphology in the era of Goethe, in relation to Humboldt, Martius, van Esenbeck – impact for modern science?

Laura Liska: Nature observation between Goethean science and meditation – how do they go together?

Registration for the working groups at the information desk.

Additional working groups may be proposed until 1 October 2014. Please write an email with an explanatory sentence to your biography and the theme of the working group to: science@goetheanum.ch



Natural Science Section at the Goetheanum

Ideas-Workshop Evolving Science 2014

15 – 18 October

Shaping Goethean Science

- in Relation to Nature
- in Relation to Science and Society
- in Relation to Anthroposophy

Goetheanum

Programme

Dear Friends of the Science Section,

In 2014 the Glashaus – the home of the Science Section for many years – will be 100 years old. We would like to use this as an opportunity to invite you to an international workshop of the Section:

Ideas-Workshop “Evolving Science” Wednesday 15 to Saturday 18 October 2014

Shaping Goethean Science
In Relation to Nature
In Relation to Conventional Science
In Relation to Anthroposophy

We would like to work together on these fundamental themes and prepare and specify the various questions and directions for a larger International Conference next year, September 30 through October 4 2015. Past experience has shown that big conferences benefit from decent preparation!

We trust that these two events will bring forward new impulses for anthroposophically oriented science. In addition, we expect initiatives for research, for collaboration and for a healthy relationship with the public to be strengthened. We are looking forward to collaborating with all of you who are willing to contribute initiatives and ideas to the Section work on the issue of Shaping Goethean Science. Many thanks to all those who have contributed suggestions thus far and we hope you can join us at these events.

Workshop Format

In addition to keynote presentations there will be 'World Café' conversations. In the past, we have noticed that this format creates a space in which ideas, pictures and initiatives can be 'born' out of the group.

There will also be workgroups on selected scientific topics. Opportunity will be given to discuss the questions, the format and the organization of the similar sessions for 2015.

Wednesday evening will be devoted to the History of the 'Glashaus'. From Günther Wachsmuth, Ehrenfried Pfeiffer, Herrmann Poppelbaum, Jochen Bockemühl, and Georg Maier to the present coworkers, a red thread will be shown which extends to the work and colleagues worldwide, and which in the subsequent days and in the 2015 conference, can be spun onwards into the future.

Please feel free to send us offers and requests for working groups (science@goetheanum.ch).

With warm greetings from the 'Glashaus' team
Johannes Kühl, Matthias Rang and Johannes Wirz

Time	Wed, 15.10.14	Thu, 16.10.14	Fri, 17.10.14	Sat, 18.10.14
09:00 – 09:30		Review of the previous day	Review of the previous day	Review of the previous day
09:30 – 11:00		Keynote address Goethean science in relation to nature (<i>Wolter Bos</i>), to science and society (<i>François Lusseyran</i>), to anthroposophy (<i>Johannes Wirz</i>)	World-Café Relation to science and society	Presentations from the World Café
11:30 – 13:00		World-Café Relation to nature	Presentations from the World Café	Retrospection and Perspectives for the Future
Lunch break				
15:00 – 16:30		Presentations from the World Café	World-Café Relation to anthroposophy	
17:00 – 18:30		Working Groups	Working Groups	
Evening break				
20:00 – 21:30	20:00 Beginning of the Workshop Lecture Metamorphosis and Evolution – The history of the 'Glashaus' <i>Johannes Kühl</i>	Inspiration Walk <i>Renatus Derbidge</i>	Inspiration Walk <i>Renatus Derbidge</i>	

Up to date information on this Workshop, as well as an updated list of the working groups is available on our website www.science.goetheanum.org.

Ideas-Workshop languages: German and English

Booking Form

Ideas-Workshop "Evolving Science" 2014
A Conference of the Natural Science Section
at the Goetheanum from Wednesday, 15 to Saturday, 18 October 2014

Booking closes: Wednesday, 1 October 2014

Please complete the booking form and mail, fax or email to:

Goetheanum Empfang, Postfach, CH-4143 Dornach

Fax + 41 61 706 4446, Tel. + 41 61 706 4444 email tickets@goetheanum.org

Please fill out in block capitals!

Ms Mr

Name, first name _____

Billing address private address address of institution

Name of institution _____

Street, n° _____

Town _____

Postcode _____

Country _____

Phone/fax _____

Email _____

I need translation in English German

Registration for the working groups at the information desk.

Conference ticket with meals (2x lunch, 2x evening meal)

CHF 208 (regular price) CHF 168 (concessions¹)

Conference ticket without meals

CHF 120 (regular price) CHF 80 (concessions¹)

Parking at the Goetheanum Parking permit: CHF 21

Insurance

Cancellation insurance (3% of the total costs, CHF 5 minimum)

See cancellation conditions in the General Information

Payment methods

on invoice (only Switzerland and Euro zone)

Credit card (all countries) Visa MasterCard

Card number: ____/____/____/____ Expiry date: ____/____

I would like to receive the biannual programme of Goetheanum events (in German).

I agree to the terms of payment and cancellation.

Place, date, signature

¹ Concessions apply for students, schoolchildren, OAPs, the unemployed, those in training, military or civil service and people with disabilities who receive benefits. Proof of status has to be submitted with your booking form.

Terms and Conditions will be sent on request or can be accessed online at www.goetheanum.org/6025.html.

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General Information

Ideas-Workshop "Evolving Science" 2014

A Conference of the Natural Science Section

at the Goetheanum from Wednesday, 15 to Saturday, 18 October 2014

Booking closes: Wednesday, 1 October 2014

Conference fees: regular price: CHF 120 with meals: CHF 208
concessions¹: CHF 80 with meals: CHF 168

Conference meals

Conference meals (vegetarian) include 2x lunch and 2x supper at CHF 88 in total. The meals cannot be booked separately. We regret that food intolerances cannot be catered for.

Parking permit

for the period of the conference: CHF 21 (not right next to the Goetheanum building). Please display your disabled badge in your car.

Methods of payment/confirmation

Credit cards (all countries): The full amount will be charged to your credit card as soon as your booking has been processed. You will receive postal or email confirmation of your booking and payment.

Invoice Switzerland: Confirmation of booking and an invoice will be sent to you once your booking has been processed. Please note that we only send out invoices up until 10 days before the beginning of an event. After that, payment is only possible by credit card or on arrival.

Invoice Eurozone: Confirmation of booking and an invoice will be sent to you once your booking has been processed (Euro account). Please note that we only send out invoices up until 14 days before the beginning of an event. After that, payment is only possible by credit card or on arrival.

Other countries: Once your booking has been processed you will receive a confirmation by post or email. The amount due will either be charged to your credit card or you can pay on arrival. Bank transfers are not possible.

Please note that the conference fee must be paid before the conference starts.

Conference tickets: Tickets can be collected at Reception, also if you pay on arrival. We accept cash (Euro and CHF), VISA, MasterCard, ec-direct and Postcard-Schweiz.

Cancellation: Bookings may be cancelled free of charge up to 14 days prior to the begin of the conference (1.10.2014, date of posting). After that, 50% of the conference fee will be charged. Cancellation on the day when the conference begins or failure to attend are subject to a 100% cancellation fee. Substitutes will be accepted at no extra cost.

Cancellation insurance: Subject to a payment of 3% of total costs (CHF 5 minimum) full cancellation insurance can be taken out to cover illness (including dependent children and partner), job loss and force majeure. Cancellation insurance must be taken out prior to the closing date for applications. Please ask for our terms of insurance or visit www.goetheanum.org/6053.html.

Data processing: All data will be electronically recorded and filed.

Recommended accommodation

Prices are per person per night. Prices for accommodation cannot be guaranteed.

Guest Houses and Goetheanum Accommodation

Accommodation bureau	rooms from CHF 50	
	phone +41 61 706 44 45	zimmer@goetheanum.ch
Haus Friedwart	from CHF 75, about 5 min. walk to the Goetheanum	
	phone +41 61 706 42 82	www.friedwart.ch
Begegnungszentrum	from CHF 30, about 10 min. walk to the Goetheanum	
	phone +41 61 706 42 82	friedwart@goetheanum.ch

Further accommodations you can find on our website (in German only):
www.goetheanum.org/4283.html