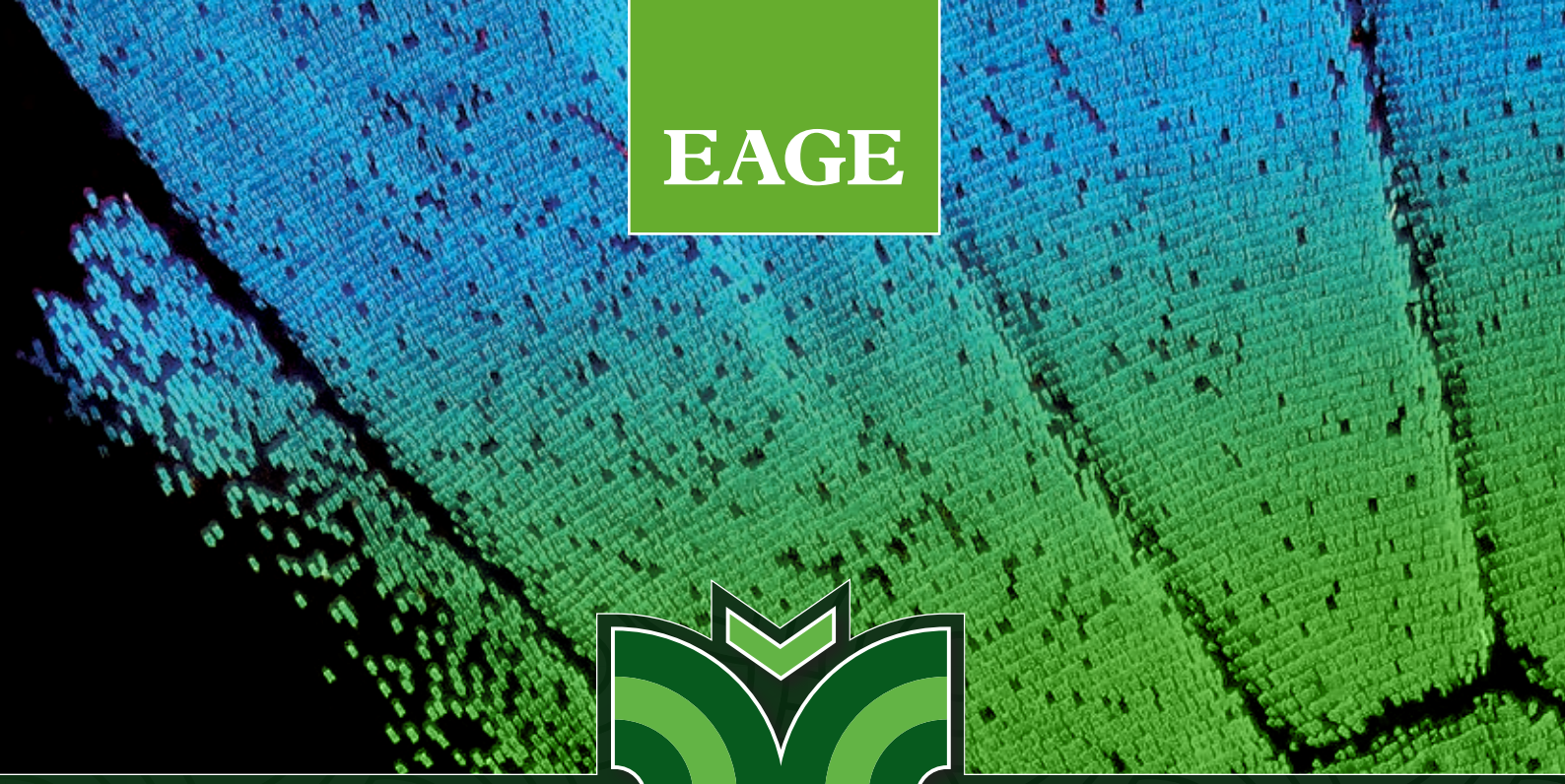

EAGE

GET2020

1ST GEOSCIENCE & ENGINEERING IN ENERGY TRANSITION CONFERENCE

16-18 NOVEMBER 2020 • STRASBOURG, FRANCE

FIRST ANNOUNCEMENT

WWW.GET2020.ORG

WELCOME TO GET2020

The world climate is changing more rapidly than expected, caused by the increasing use of fossil fuels for energy production. A rapid growth in renewable energy supply is needed urgently as coal power has to be switched to gas and renewables. An additional needed procedure is the decarbonisation of the industry using Carbon Capture and Storage (CCS). All options have to be applied simultaneously, to finally have a chance at stopping the increase of CO2 production. The usage of the earth's subsurface plays a pivotal role for most of the technologies, which contribute to slow down the greenhouse effect. Adjusted Geosciences are needed to ensure a safe and environmentally friendly handling of the subsurface. The 1st Geoscience & Engineering in Energy Transition Conference (GET) will address what skills and what technologies are required to support the growth of renewable energy in the energy mix. We invite all geoscientists, subsurface engineers, energy providers, the industrial sector, researchers and academics, public authorities and other stakeholders in Europe and beyond to submit an abstract and join this new and groundbreaking conference.

Dirk Orlowsky (Co-chair), DMT
Giovanni Sosio (Co-chair), Schlumberger
Peter Suess (Co-chair), Wintershall

3-Day Conference | Technical Content | EU Leaders | Interactive Event | Social programme

GET2020

1ST GEOSCIENCE & ENGINEERING IN ENERGY TRANSITION CONFERENCE

CALL FOR ABSTRACTS

Is the future of energy in geoscience and engineering of high interest to you? Do you want to share the latest developments in the field with peers in the industry? Then make sure not to miss your chance to present at the 1st Geoscience & Engineering in Energy Transition Conference this year in Strasbourg, France by submitting an extended abstract today! For the list of topics, submission instructions, and the submission portal, please visit www.GET2020.org. **The deadline is 28 June 2020.**

PACE TRAVEL GRANT

The programme for Association and Cooperation in Earth Sciences (PACE) is funded by EAGE and supports accepted speakers who cannot obtain financial support from other sources. With the PACE programme, EAGE strives to encourage the exchange of information and knowledge among the global geoscientific community. Check out the website for more information.

THE AUDIENCE

We invite everyone to join us

- geoscientists and engineers working on all subsurface usages
- petroleum operators and energy utilities
- field service and consulting firms
- representatives of universities and research institutions
- geological surveys
- local and national authorities and regulators

Register now - visit the website for an easy to use online registration system.

EU PROGRAMME

The world is experiencing an inevitable energy transition, shifting from a system based on fossil fuels to a system based on alternative energy sources. The EU has been playing a leading role in international climate negotiations for years and advocating the shift to an economy with net-zero GHG emissions.
Decarbonisation of our economy requires rapid implementation of clean energy, efficient energy storage and clean mobility for the transition towards a climate neutral economy. During the 1st Geoscience & Engineering in Energy Transition Conference, EAGE has designed a dedicated programme covering "EU and Energy Transition". Key-note speakers from industry leaders and policy makers will provide their insights on the energy transition from policy, legislation and business point of view. Scientists and specialists are invited to bring their expertise into discussions in the form of oral presentations, panel discussions and workshops format.

MAIN TOPICS

› GEOTHERMAL

Geothermal energy is widely available throughout Europe – Strasbourg itself is located in the heart of the Upper Rhine Graben, a known geothermal basin straddling France and Germany. Its potential to produce renewable baseload power and to decarbonize residential and industrial heating and cooling is undeniable. Yet its share of the energy mix and its role within renewable energies is slowly growing. The uncertainties associated with an underground resource need to be addressed and reduced with the application of creative technical, financial, and communication skills and solutions. The Conference will address the role of geoscientists and engineers in defining, sharing and applying these skills to accelerate the implementation of a geothermal value chain in Europe and beyond.

› ENERGY STORAGE

Large-scale energy storage systems will play a fundamental role in integrating renewable energy into the energy infrastructure. They allow to maintain grid security by compensating the enormous increase of fluctuating renewable energies. Most of the renewable energy sources, notably solar and wind produce variable power. Electrical energy has to be stored during times when electricity is plentiful and later returned to the grid when the demand is high. The conversion of energy systems is an indispensable prerequisite for this, and the massively increasing technological supply of distributed renewable resources, efficiency systems and energy storage systems ideally position us for this. The development and systemic integration of storage systems will lead to an increased usage of the earth's subsurface, which has to be handled safely and environmentally friendly.

› CO_2 STORAGE

The development of sustainable and secure technologies to reduce the greenhouse effect is the storage of CO_2 in adequate geological formations. This strategy has been demonstrated in many projects. Besides the development of accurate measuring, monitoring and verification technologies, an integrated risk assessment is needed, to ensure the safety of potential storage sites and to address the legitimate concerns of the local communities about this technology. This conference invites contributions to the various aspects of carbon capture and storage (CCS). Topics will include the exploration of possible storage sites, the increase of the database about the subsurface during the operating phases, the engineering of the subsurface, as well as modelling and monitoring of the subsurface especially through experiences gathered from case studies.

› CROSS-USE & SYNERGIES

Cross-Use and mulit-use reservoirs provide efficient future solutions for the energy transition problem. They enable the sustainable use of the sparse underground resources by combining different technologies, for energy extraction from reservoirs and subsequence or parallel storage. Storage space can be used for waste gases like CO2 or for energy storage like air, hydrogen or other energy carriers. Underground storage can be used in parallel to extraction, after extraction in natural pore-spaces or in artificial generated caverns. Innovative technologies can prepare way for in in-situ hydrogen generation from methane. The key factors of a successful application in the subsurface are storage capacity, intake/outtake performance, geomechanical and geochemical stability of the subsurface reservoirs. In the frame of this meeting we invite to contribute to the various aspects around these topics including: subsurface processes during usage, technical subsurface design, performance prediction, monitoring and existing case studies.

GET2020

COMMITTEE

Dirk Orlowsky (Co-chair)	DMT
Giovanni Sosio (Co-chair)	Schlumberger
Peter Suess (Co-chair)	Wintershall
Corinna Abesser	BGS
Fausto Batini	Magma
Karin de Borst	Shell
Pieter Bruijnen	EBN
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Lucia Levato	Lusval
Frederique Michaud	Total
Virginie Schmidlé-Bloch	AFPG / GEODEEP
Jonathan Shearman	ExxonMobil
Sylvain Thibeau	OGCI, Total
Catherine Witt	BP
Peter Zweigel	Equinor

MINUS CO_2 CHALLENGE

Enhance your scientific and technical knowledge!

innovation and environmental awareness amongst the next generation of geoscientists and engineers. Students are challenged to exploit a subsurface hydrocarbon resource with zero net emissions of CO_2 to the atmosphere..

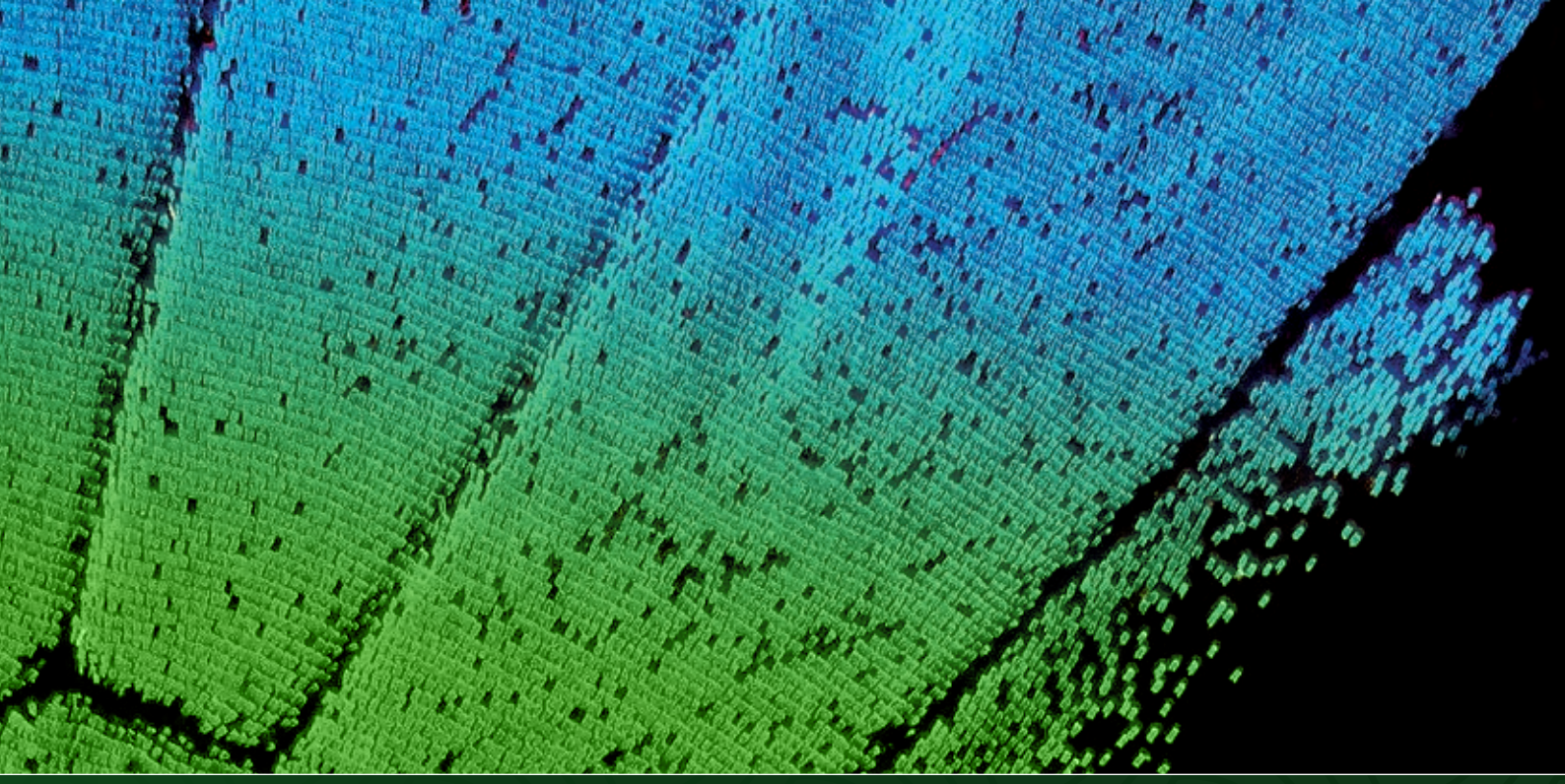
Find more details on the Minus CO2 Challenge at www.GET2020.org.

SPONSOR PROGRAMME - JOIN US!

There are many benefits to sponsoring; from grand visibility, to target marketing, to growing a reputation in the community, and more. The reach via our sponsor programme goes beyond the onsite exposure as sponsors will benefit from EAGE's promotion and publicity of GET2020. Show the industry your involvement in the energy transition and acknowledging its necessity. We have designed a sponsor programme that will provide exposure before, during and even after the event.

Check out GET2020.org for the sponsor opportunities!

SPONSOR



SUBMIT YOUR ABSTRACT AND REGISTER AT

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