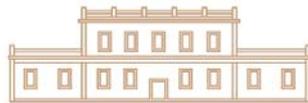




# **ERES 2014 – The 1<sup>st</sup> conference on European Rare Earth Resources**

**First Circular July 2013**



Συνεδριακό Κέντρο Μήλου  
Γεώργιος Ηλιόπουλος

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Milos Conference Center  
George Eliopoulos

## **4-6 September 2014**

**A Milos Conferences Event**



*Milos Conferences*

**Supported by**



## Conference Objective

Rare Earth resources have become vital elements in the modern industry. With constantly increasing applications ranging from micro-electronics to wind generators and with very few rare earth mines in operation around the world, the rare earth elements supply and demand is in the global spotlight.

In the framework of the *EURARE: Development of a sustainable exploitation scheme for Europe's rare earth ore deposits project* a scientific conference on **European Rare Earth Resources** will be held. The conference will deal with topics such as

- REE importance for Europe / supply and demand issues
- European perspective for a REE industry
- REE exploitation policy issues
- REE occurrences in Europe
- REE processing (advances, new technologies, future outlook)
- REE urban mining/recycling
- Environmental Impacts (gains and losses through REE utilization and REE extraction)

## Organised by the

- EURARE Consortium ([www.eurare.eu](http://www.eurare.eu))
- IRF Rare Earth Recycling Knowledge Platform (RARE<sup>3</sup>) ([www.kuleuven.rare3.eu](http://www.kuleuven.rare3.eu))

## Date & Venue

The 1<sup>st</sup> conference on European Rare Earth Resources (ERES 2014) will take place from **4 to 6 September 2014** in the island of Milos, Greece.



Milos is located in the south Cyclades islands and is accessible from Athens both by daily airplane connection and by daily high speed ferries. The conference will be held in the Milos Conference Center - George Eliopoulos" ([www.miloscenter.gr](http://www.miloscenter.gr))



## Language

The official language of this Congress will be English.

## Important dates

<b>Abstracts submission deadline</b>	<b>31.12.2013.</b>
<b>Notification of acceptance</b>	<b>01.02.2014.</b>
<b>Full paper submission deadline</b>	<b>01.06.2014.</b>
<b>Final program</b>	<b>01.07.2014.</b>

To submit an abstract please contact the congress secretariat [conf@heliotopos.net](mailto:conf@heliotopos.net)

## Registration

Conference fees are **350 €** for registrations before **01/04/2014** and **400€** for registrations after **01/04/2014**. Reduced special prices for students and accompanying persons will be also available. Fees include:

- Participation in the scientific programme,
- Congress material,
- Coffee breaks
- Lunches
- Gala dinner
- Full day excursion around the island – visit to the [Milos Mining Museum](#) (on the 7<sup>th</sup> of September).

Optional social schedule will be announced in the next circular, along with recommended accommodations and travel arrangements.

For more information on registration please contact the congress secretariat [conf@heliotopos.net](mailto:conf@heliotopos.net)

## Sponsors & Exhibitors

The exhibition on instrumentation and scientific literature will form an integral part of the Congress and will be held in the foyer of the congress halls. It will provide a unique opportunity for contacts between participants and exhibitors. Companies interested in presenting their products are invited to contact Congress Secretariat ([conf@heliotopos.net](mailto:conf@heliotopos.net)).

## Organizers

### International Scientific Committee

- Prof Ioannis Paspaliaris, Greece (NTUA), Chairman
- Prof. Per Kalvig, Denmark (GEUS)
- Dr. Nikos Arvanitidis, Finland (GTK)
- Prof. Dimitrios Panias, Greece (NTUA)
- Prof. Koen Binnemans, Belgium (KU Leuven)
- Prof. Bernd Friedrich, Germany (RWTH)
- Prof. Jason Yang, Finland (GTK)
- Dr. Dimitrios Eliopoulos, Greece (IGME)
- Dr. Martiya Sadeghi, Sweden (SGU)

- Prof. Vadim Kessler, Sweden (SLU)
- Dr. Paul Lusty, UK (NERC)
- Dr. Daniel Kassard, (BRGM)

## Organizing Committee

- Dr. Thymis Balomenos, Greece (NTUA)
- Dr. Juha Kajia, Finland (GTK)
- Erika Machacek, Denmark (GEUS)
- Dr. Peter Tom Jones, Belgium (KU Leuven)
- Dr. Yiannis Pontikes, Belgium (KU Leuven)
- Dr. Srecko Stopic, Germany (RWTH)

## Congress Secretariat

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## Topics

Topics for the papers to be submitted and presented in the conference include

- ◆ REE supply and demand
- ◆ Dependence of the European industry on REE
- ◆ European perspective on REE raw materials / policy issues
- ◆ Current and future technological demand for REE
- ◆ REE occurrences in Europe
- ◆ REE processing (advances, new technologies, )
- ◆ REE urban mining/recycling
- ◆ Environmental Impacts (gains and losses through REE utilisation and REE extraction)

Selected papers from the conference will be considered for publication in international peer reviewed journals.



## EURARE: Development of a sustainable exploitation scheme for Europe's rare earth ore deposits

*The main goal of the EURARE project is to set the basis for the development of a European REE industry that will safeguard the uninterrupted supply of REE raw materials and products to crucial for the EU economy industrial sectors, such as automotive, electronics, machinery and chemicals, in a sustainable, economically viable and environmentally friendly way.*



The EURARE project has received funding from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n°309373. Project website: [www.eurare.eu](http://www.eurare.eu)





## RARE<sup>3</sup>: Research Platform for the Advanced Recycling and Reuse of Rare Earths

*This KU Leuven funded project targets breakthrough recycling processes based on non-aqueous technology for the two main applications of rare earths: permanent magnets and lamp phosphors. This work is part of a more general objective to create fully integrated, closed-loop recycling flow sheets. The knowledge platform is steered by an Industrial User Committee, which includes more than 30 US, EU and Flemish players in the field of REEs. Moreover, these companies are situated at all different levels of the REE value chain, from ore extraction, separation, production of consumer goods to recycling.*

