

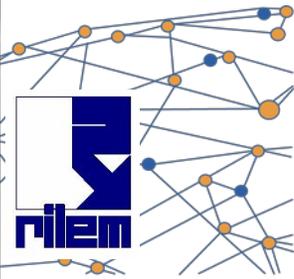
RILEM
General Presentation
version September 2018



1945, Dresden



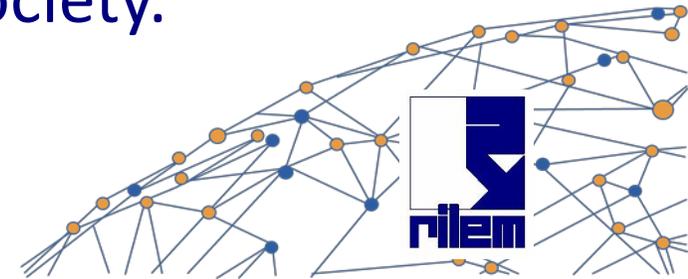
1947, Paris



International Union of Laboratories and Experts in Construction Materials, Systems and Structures

promote scientific cooperation and advance scientific knowledge related to construction materials, systems and structures, encourage transfer and application of this knowledge worldwide

- favour and **promote cooperation at international scale** by general access to advanced knowledge,
- stimulate **new directions of research** and its applications, promoting excellence in construction,
- **promote sustainable and safe construction**, and improved performance and cost benefit for society.



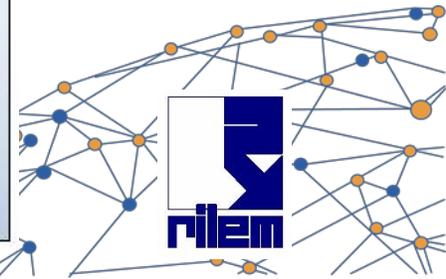
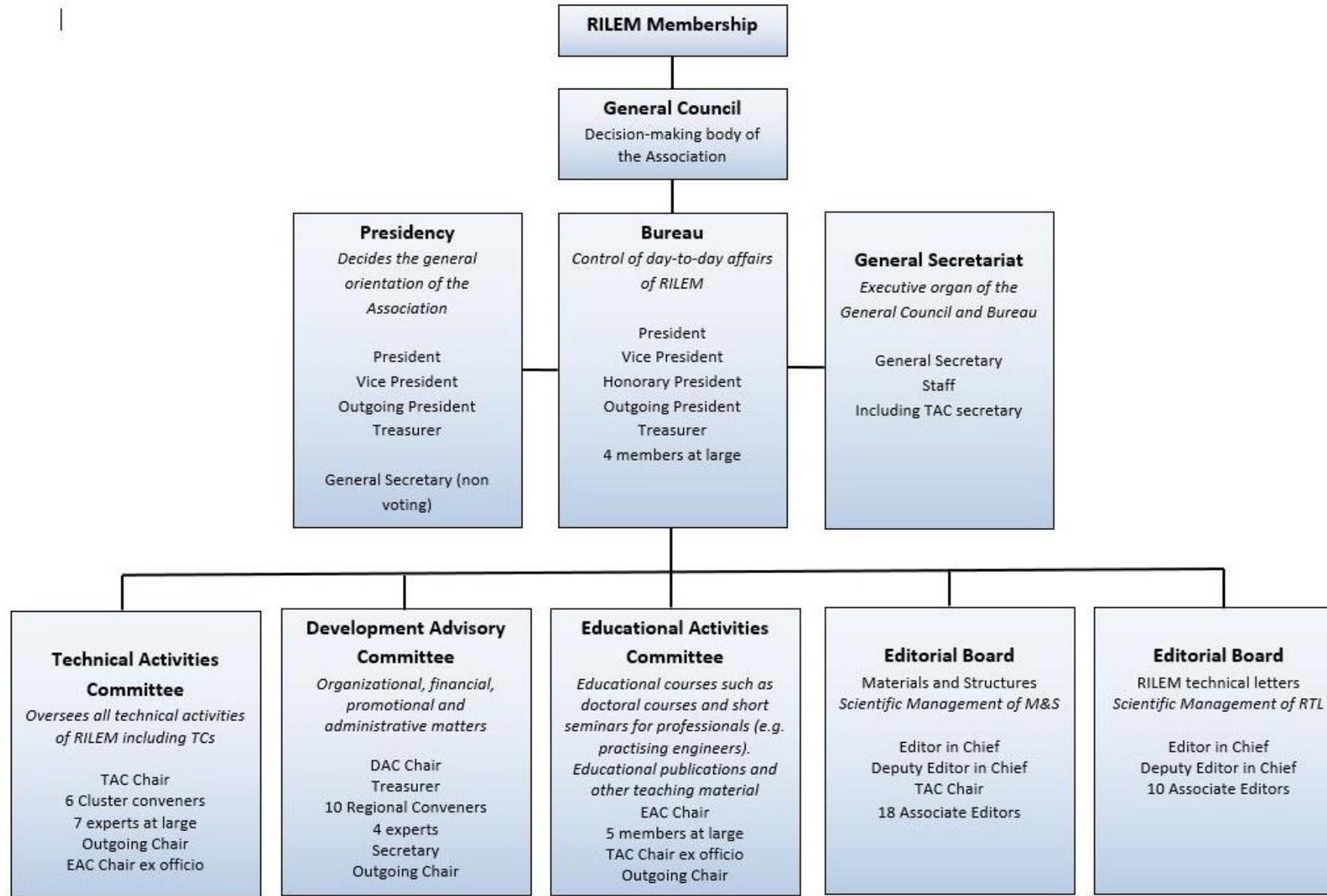
Countries TOP-20 in 2017 (based on total #individual membership)



Total number of RILEM members (individual and corporate)

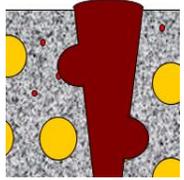


Organisation



TCs are our core business

***41 TCs are active in 6 Clusters
4 Clusters pertaining to concrete***



Material Processing and Characterization

Barzin MOBASHER, USA



Transport and Deterioration Mechanisms

Esperanza MENÉNDEZ MÉNDEZ, Spain



Structural Performance and Design

Giovanni PLIZZARI, Italy



Service Life and Environmental Impact Assessment

Alexandra BERTRON, France



Masonry, Timber and Cultural Heritage

Enrico SASSONI, Italy



Bituminous Materials and Polymers

Michael WISTUBA, Germany



Technical Committees (TCs) are the cornerstone



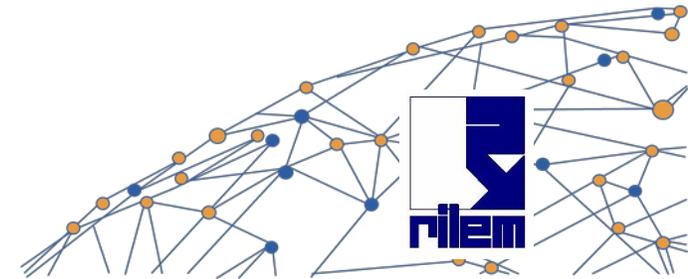
TC work typically results in:
Technical Exchange

State-of-the-art reports

Recommendations on test methods



More than 1500 experts are involved in RILEM
About 50% of the members are active in present 41 Technical Committees (TC)



Dissemination of information worldwide

Website

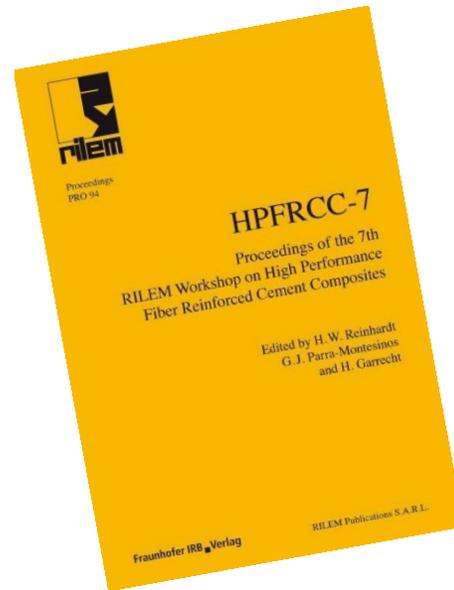
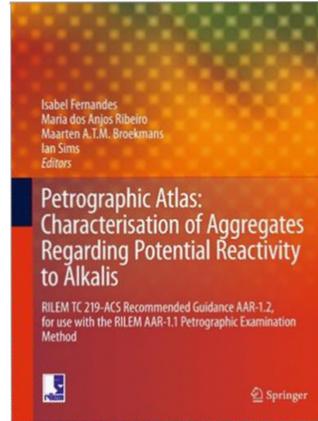
Reports

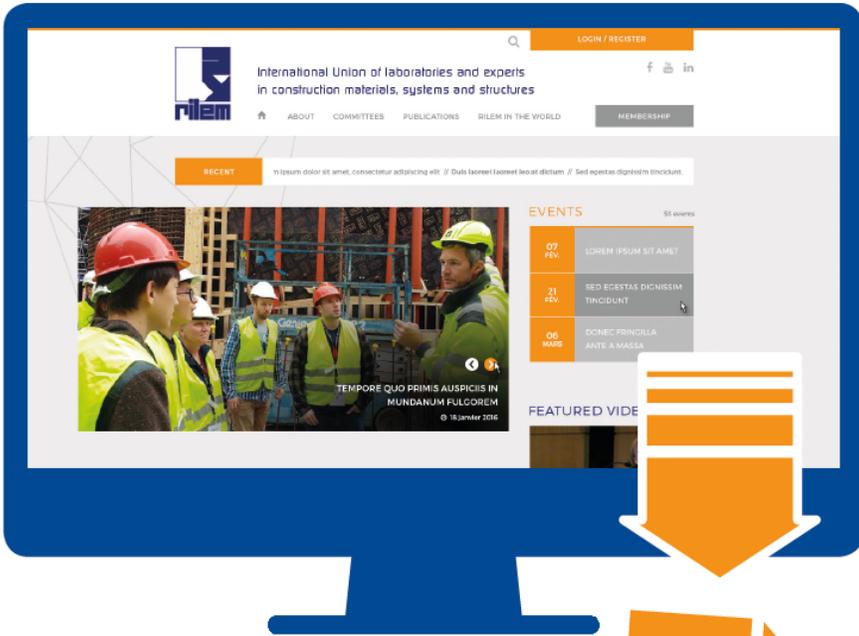
Recommendations

Proceedings

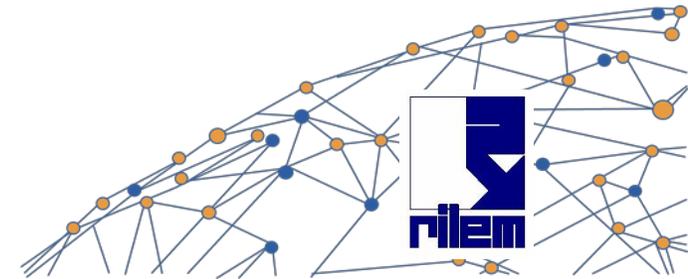
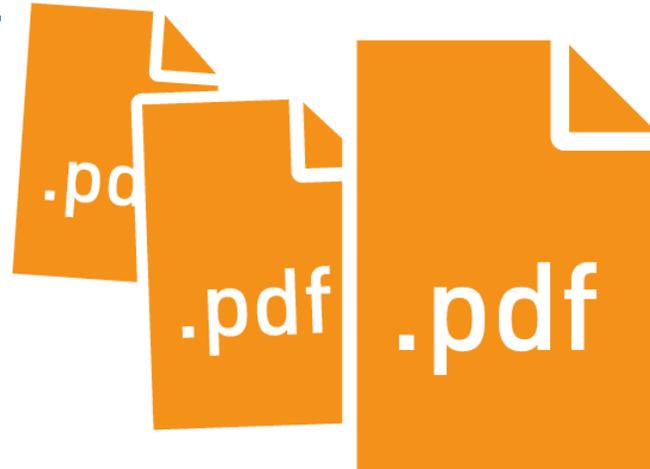
Technical Activities Committee

TAC Chair: Nele DE BELIE





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Created in 1968
50th Anniversary in 2018

Materials and Structures

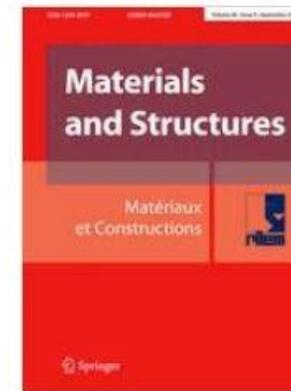
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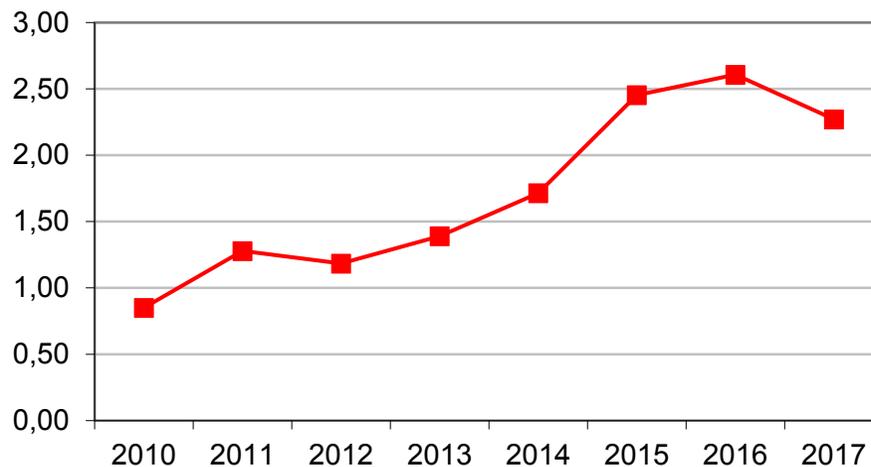
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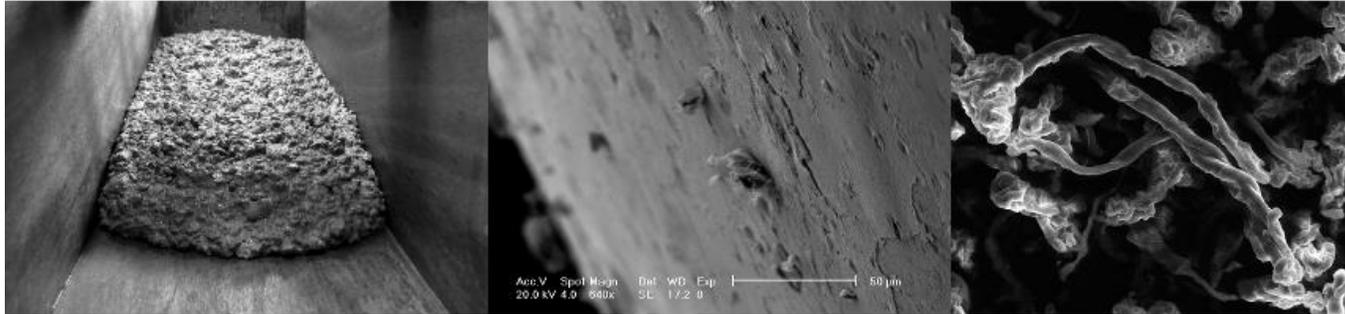
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PUBLISHED: 2017-09-21



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Nicolas Denies, Noël Huybrechts

1-9

PDF

ISSN 2518-0231 ; DOI 10.21809/rilemtechlett



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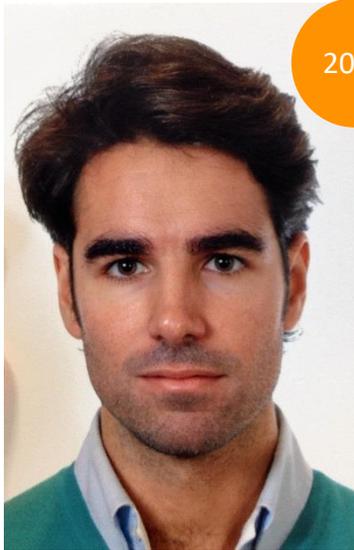
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Robert L'Hermite Award

awarded to an author of less than 40 years who has made an exceptional scientific contribution to the field of construction materials and structures



2018

Fernando Moreno-Navarro, University of Granada
Designing more durable asphalt materials



2017

Ueli Angst, IETH Zürich
Corrosion in Construction



2015

Guillaume Habert, IETH Zürich
Paving the path toward sustainable concrete



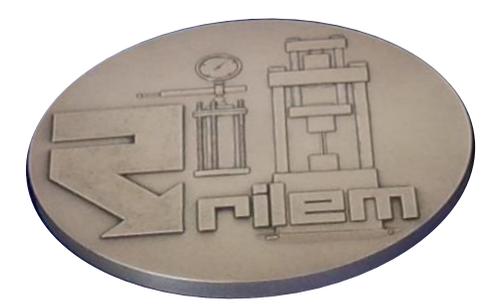
2014

Alexandra Bertron, INSA Toulouse
Microorganisms-cementitious materials interactions





2018



Gustavo Colonnetti Awards awarded to a researcher of less than 35 years

Didier Snoeck, Ghent Univ.
*Superabsorbent polymers to seal and heal
cracks in cementitious materials*

Sergio Cavalaro, Loughborough Univ.
Connecting the underground world with fibres



2017



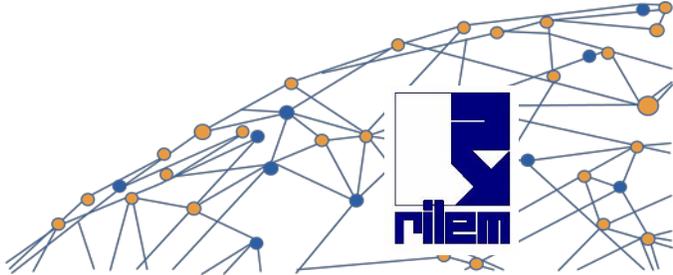
Gaurav Sant, UCLA
*Silicate dissolution in cementitious
environments: The origin of rate controls and
their implications on chemical reactivity and
durability*

Enrico Sassoni, U. of Bologna
*Phosphate-based treatments for
conservation of stone*



Future RILEM Annual Weeks and Spring Conventions

	Spring Event	Annual Week
2019/73 rd	Rovinj, Croatia	Nanjing, China
2020/74 th	Guimarães, Portugal	Sheffield, UK
2021/75 th	Paris, France	Merida, Mexico
2022/76 th	<i>Morocco (tbc)</i>	Kyoto, Japan



Partnerships



American Concrete Institute
Always advancing



Japan Concrete Institute



Indian Concrete Institute



IBRACON

Instituto Brasileiro
do Concreto



New Zealand
Concrete Society



Asociación Latinoamericana de Control de
Calidad, Patología y Recuperación de la
Construcción Internacional (ALCONPAT-
Internacional)



Международная
Инженерная Академия



International
Academy of Engineering



International Society
for Asphalt Pavements

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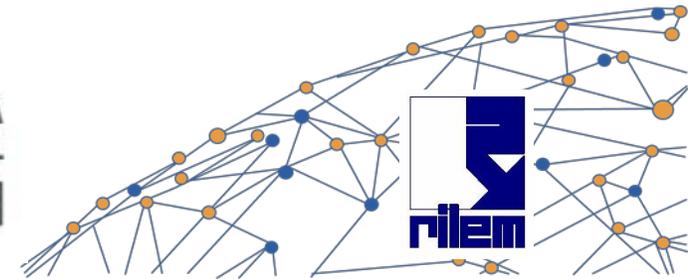


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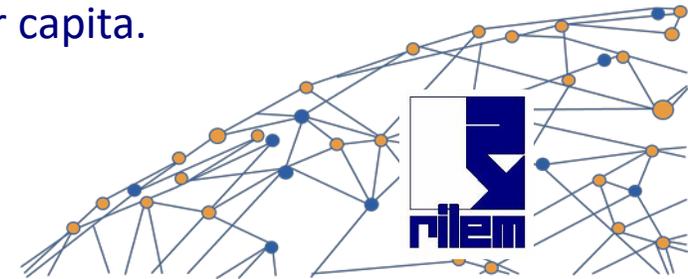
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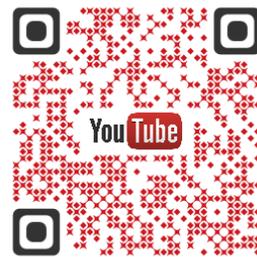
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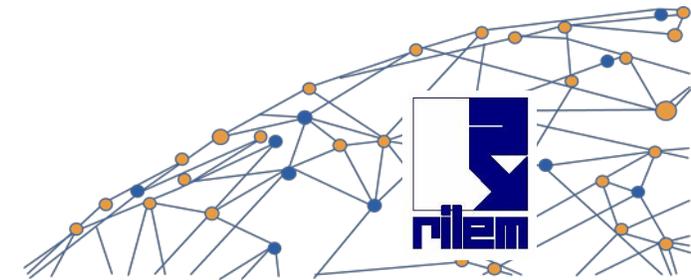
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Mrs. Pascale DUCORNET



Deputy Secretary General
Ms. Anne GRIFFOIN



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Ms. Sarah K DIGIORGIO



Thank you

