



Kilometro Rosso | Bergamo (Italy)
21-22 November 2019

International
Meeting

METALS FOR ROAD MOBILITY

Trends and future of alloys
for automotive and trucks

www.aimnet.it/memo.htm

Organized by



**ASSOCIAZIONE
ITALIANA DI
METALLURGIA**

in co-operation with

siderweb
THE ITALIAN STEEL COMMUNITY

supported by



ASSOFOND
ASSOCIAZIONE ITALIANA FONDERIE



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Scope

The Meeting will focus on the development and innovation of the metallic materials used for the car body structures, equipments and the new propulsion architectures that will condition the mobility technologies in the next years. The attention will be devoted, in particular, on cast irons, steels, aluminium and magnesium alloys. The discussion will involve the microstructural aspects and the technological ones for the production of high performance and reliable materials to fit the safety and the environmental requirements of both current regulation and its upcoming evolution.

MeMo aims at providing a forum for information transfer among producers, components manufacturers and suppliers, research and academics, designers and engineers, active in the mobility (automotive and trucks) field.

Trends and future of automotive sector will be widely discussed during the plenary session, organized by Siderweb in the second day of the Meeting. **AIM is looking forward to welcoming you in Bergamo!**

Language

The Meeting will be held in English.

Topics

The Meeting will be performed through invited presentations and speeches selected from abstracts sent by authors and companies interested in sharing their updated knowledge on the following topics:

Metal alloys & components

- _Steel plates, bars, rods and wires
- _Cast iron castings
- _Light alloy castings
- _Aluminium extruded profiles
- _Use of tube and tubular components
- _Metal alloys for the car body, engine, mechanical transmission components, bolts and fasteners
- _Gears, bearings and shafts

Performance

- _Mechanical performances
- _Corrosion performances
- _Prediction of product performances
- _Environmental performance and safety aspects
- _Life Cycle Assessment
- _Failure analysis and prevention
- _Joining performances

Call for papers

Prospective authors wishing to present a paper are invited to submit a tentative title and an abstract of about 400 words (in English) to the Organising Secretariat by June 12, 2019. The abstract should provide sufficient information for a fair assessment.

Two ways to submit papers will be available:

- to fill in the form on the Conference website at <http://www.aimnet.it/memo.htm>
- to send the title and the abstract, together with the requested information (Name and Surname, Affiliation, Mailing Address, Phone and e-mail) by e-mail to: aim@aimnet.it

Certain papers may be considered for publication in the AIM journal "La Metallurgia Italiana - International Journal of the Italian Association for Metallurgy", which is covered in the Science Citation Indexed by Clarivate Analytics (formerly Thomson Reuters), and in Scopus by Elsevier B.V.

Important dates

Titles and abstracts:	July 12, 2019
Notification of acceptance:	July 31, 2019
Opening of online registration:	July 2019
Submission of presentations:	October 31, 2019

Opening lecture

Alberto Bombassei - President and Founder of Brembo SpA

Committees

(to be completed)

ORGANISING COMMITTEE

- Federica Bassani - Associazione Italiana di Metallurgia
- Giovanni Maria Caironi - President of AIM/Assofond Foundry Study Group
- Guido Capoferri - President of AIM Plastic Deformation of Metals Study Group
- Paola Cristiani - IPSAI
- Lucio Dall'Angelo - Siderweb
- Maurizio Grillo - President of AIM Light Metals Study Group
- Carlo Mapelli - President of AIM Steelmaking Study Group
- Federico Mazzolari - Associazione Italiana di Metallurgia
- Emanuele Morandi - Siderweb
- Piero Parona - President of AIM Diecasting Study Group
- Daniilo Petta - President of AIM Heat Treatment and Metallography Group

SCIENTIFIC & STEERING COMMITTEE

- Franco Bonollo - Università degli Studi di Padova, Vicenza
- Lorella Ceschini - Università degli Studi di Bologna
- Caterina Epis - Tenarisdalmine
- Enrico Frigerio - Fonderia di Torbole
- Saverio Gaboardi - Cluster Lombardo della Mobilità
- Maurizio Galli - Stemcor, France
- Gian Luca Gigli - Marcegaglia
- Livio Marietti - A. Benevenuta & C.
- Alfredo Masi - AIDA
- Gianpiero Mastinu - Politecnico di Milano
- Mattia Merlin - Università degli Studi di Ferrara
- Enrico Morgano - CRF, FCA company
- Francesco Semino - Acciaierie Venete
- Jacopo Tatti - CRF, FCA company
- Roberto Venturini - Acciaierie Arvedi
- Paolo Veronesi - Università degli Studi di Modena e Reggio Emilia
- Cinzia Vezzosi - Assofermet
- Franco Zanardi - Fonderie Zanardi

Sponsorship opportunities

Companies interested in sponsoring the event may contact the Organising Secretariat: aim@aimnet.it - tel. +39 02 76021132. Information and forms will also be available on the Meeting website: www.aimnet.it/memo.htm

Venue

The Meeting will be held in Bergamo at Kilometro Rosso Innovation District, Gate 4 Centro delle Professioni - Via Stezzano, 87 (<http://www.kilometrorosso.com>).

Bergamo

Bergamo greets visitors with its Venetian Walls. Surrounded by rivers and lush, verdant valleys, crossed by paths that widen to Parco dei Colli, the area's largest park, the city looks like a lounge filed with art, culture and nature, with a fascinating and complex history just waiting to be shared with others. The "upper and lower" city reveals a mixture of pleasant surprises and unexpected encounters, such as those with Gaetano Donizetti, the great composer of international renown, Bartolomeo Colleoni, the Bergamo leader who served under the Republic of Venice and Lorenzo Lotto, among the most famous Italian Renaissance artists who lived and worked in Bergamo for over a decade.



ASSOCIAZIONE ITALIANA DI METALLURGIA

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FEMS
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Organizing Secretariat



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