

## COMPORTAMENTO MECCANICO E MODELLAZIONE DEI POLIMERI AD ALTI STRAIN RATES

PRIMA GIORNATA DI STUDIO DEL GRUPPO DI LAVORO AIAS "XTREMA" (MATERIALS AT EXTREMES)

Mercoledì 29 marzo 2023, Sala Consiglio del Dipartimento di Meccanica - Politecnico Di Milano - Via La Masa 1, 20156

### PROGRAMMA DELLA GIORNATA

9:30	SALUTO DELLA SEDE OSPITANTE E INTRODUZIONE ALLA GIORNATA DI STUDIO		
9:45	G. Mirone	Caratterizzazione statica e dinamica del Policarbonato - aspetti chiave per la riproduzione del meccanismo di propagazione deformativa	Università di Catania
10:05	D. Ma	Advanced numerical methods for polymer materials under various strain rates	Politecnico di Milano
10:25	M. Sasso	Analisi numerica per la previsione del limite balistico delle protezioni in policarbonato	Università Politecnica delle Marche
10:45	M. Utzeri	Piezoresistività ad alte velocità di deformazione	Università Politecnica delle Marche
11:05	PAUSA CAFFÈ		
11:20	L. Landi	Validazione di resistenza all'impatto di policarbonato, confronto numerico/sperimentale	Università di Perugia
11:40	A. Ruggiero	Analisi numerica di impatti balistici su policarbonato	Università di Cassino
12:00	M. Beltramo	An effective model-calibration for polycarbonate impact simulations	Politecnico di Torino
12:20	E. Mancini	Indagine su alcuni polimeri e la tendenza che hanno a formare shear band ad alto strain rate	Università dell'Aquila
12:40	PRANZO DI LAVORO		
14:00	DISCUSSIONE E CONSIDERAZIONI CONCLUSIVE		

La sera di martedì 28 marzo si svolgerà una cena informale. Chi fosse interessato a partecipare all'incontro, per motivi organizzativi è pregato di contattare il prof. Andrea Manes entro e non oltre il 16 Marzo (+39-02 2399 8630, [andrea.manes@polimi.it](mailto:andrea.manes@polimi.it)).

## Hotels

Next to Milano Bovisa:

### Hotel Sun Flower (\*\*\*\*)

Piazzale Lugano, 10 – 20158 Milan  
Tel. +39 02 39314071 Fax +39 02 39320377

www.hotelsunflower.it  
info@hotelsunflower.it  
Special rate for Politecnico: €100. Please remember to make reference to “Politecnico di Milano” when you book.

### Radisson Blu Hotel (\*\*\*\*)

Via Villapizzone, 24 – 20156 Milan  
Tel. +39 02 3631888 Fax +39 02 3631870  
www.radissonblu.com  
info.milan@radissonblu.com

Next to the city centre:

### Hotel Palazzo delle Stelline (\*\*\*)

Corso Magenta, 61 – 20123 Milan  
Tel. +39 02 4818431 Fax +39 02 48519097  
www.hotelpalazzostelline.it  
info@hotelpalazzostelline.it

### Best Western Hotel Mozart (\*\*\*\*)

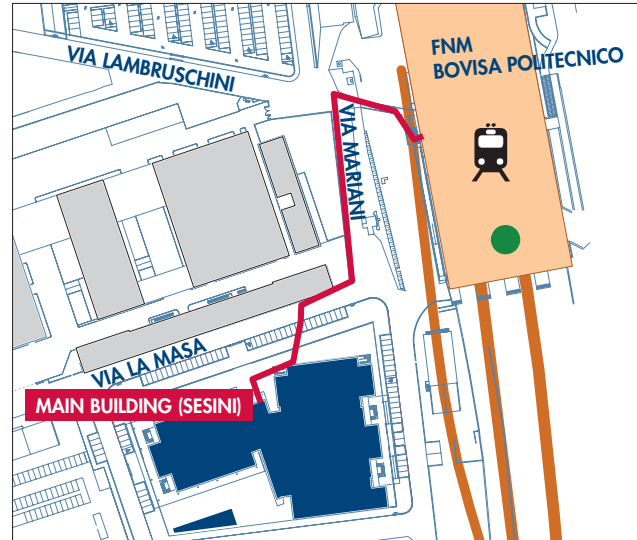
Piazza Gerusalemme, 6 – 20154 Milan  
Tel. +39 02 33104215 Fax +39 02 33103231  
www.hotelmozartmilan.com  
info@hotelmozartmilan.com

### Mokinba Hotels King (\*\*\*\*)

Corso Magenta, 19 – 20123 Milan  
Tel. +39 02 874432 Fax +39 02 89010798  
www.mokinba.it  
king@mokinba.it

### Best Western Hotel Milton Milano (\*\*\*\*)

Via Enrico Annibale Butti, 9 – 20158 Milan  
Tel. +39 02 66802366 Fax +39 02 66802909  
www.miltonmilano.it  
infomiltonmilano@gmail.com



### Address:

Politecnico di Milano – Dipartimento di Meccanica  
Via La Masa 1, 20156 Milano

www.mecc.polimi.it



How to reach Politecnico di Milano  
Department of Mechanical  
Engineering

POLITECNICO DI MILANO



## Reaching the campus from Malpensa Airport

Take the Malpensa Express train that leaves Terminal 1 every 30 min. The trip lasts about 35-40 minutes and the tickets can be bought at the ticket office of Malpensa railway station or on the train paying a small extra fee. Get off at Bovisa Politecnico station. Once outside, turn right and go down the stairs. Then turn left in via Privata Mariani and, at the end of the street, turn right in via La Masa. The Department of Mechanical Engineering is on your left (“Sesini building”, see the photo at page 2). The complete route is highlighted in red in the map on page 2.

Taking a taxi from Malpensa Airport will not help you saving time (except in the late evening hours) and could be quite expensive.



## Reaching the campus from Linate Airport

Catch 73X bus, a non-stop bus which will take you to the city centre (Piazza S. Babila). Tickets can be bought at the bookstall in the airport or on the bus paying a small extra fee. Then catch the underground (red line – MM1) for Rho Fiera or Bisceglie and get off at Cadorna station. In the daytime trains leave Cadorna station every 5-10 minutes. Please check whether the train stops at Bovisa Politecnico station or not. The trip will last about 50 minutes.

A taxi fare will take from 45 to 60 min., depending on road traffic.

## Reaching the campus from Orio al Serio Airport

Catch the bus to Milano Centrale, then follow the instructions afterwards. It takes at least 1h30 to reach Bovisa Politecnico. A taxi will be faster but quite expensive.

## Reaching the campus from Milano Centrale railway station

You can either walk to the “R” line stop “REPUBBLICA” (5-10 min.) and take the S13 and S10 lines on the platform no. 2 or take the underground, M2 green line to “Garibaldi” station and then take the S13 and S10 lines on the platform no. 2.



The destinations of the “S” lines should be SARONNO or BOVISA. At the newsstands you can buy single fare tickets as well as one-day tickets for unlimited fares in one day. For more information see: <http://www.atm-mi.it/en/ViaggiaConNoi/BigliettiPages/Tipologie.aspx>.

As soon as you get off at BOVISA POLITECNICO station, you can follow the instructions at point 1).

## Reaching the campus from the city centre

The campus can be easily reached from downtown by taxi or public transportation. If you take a taxi, please specify to the driver the full address of the department because there are more than one Politecnico Campus.

If you use public transportation, take the “R” line, a sort of underground called “passante ferroviario”: in the attached map, it corresponds to the blue line.

## Reaching the campus from Milano Garibaldi railway station

Take the “R” line to Bovisa (second stop). The trip will last about 10 minutes.

## Reaching the campus from Milano Cadorna FNM

Take any train to Bovisa except “Malpensa Express” which does not stop at Bovisa station. The trip will last about 10 minutes.