

Welcome

SIMDET 2023

5TH SCHOOL ON SILICON DETECTOR SIMULATION

LPNHE - Paris

November 22-24, 2023



SCIENTIFIC COMMITTEE

BOMBEN Marco APC, Paris
CALDERINI Giovanni LPNHE, Paris
CORNAT Rémi LPNHE, Paris
CRESCIOLI Francesco LPNHE, Paris
LAURENT Philippe APC, Paris
LAVERGNE Laurence IRAP, Toulouse
LIMOUSIN Olivier CEA/IRFU, Saclay
LOUNIS Abdenour IJCLab, Orsay
MARCHIORI Giovanni APC, Paris
MOROZZI Arianna INFN, Perugia
NOLL Michael CERN, Genève
ORSINI Fabienne RIKEN, Sayo-cho, JPN
TONAZZO Alessandra APC, Paris
TORRENTO Ana IJCLab, Orsay

LOCAL ORGANISING COMMITTEE

BOMBEN Marco,
CALDERINI Giovanni
CARVALHAIS Carla
CORNAT Rémi
CRESCIOLI Francesco
LOUNIS Abdenour
MARCHIORI Giovanni
STEVENART-AMMOUR Marjorie



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Program

22/11/2023

Introduction to Semiconductor Detectors

SYNOPSYS

SILVACO

23/11/2023

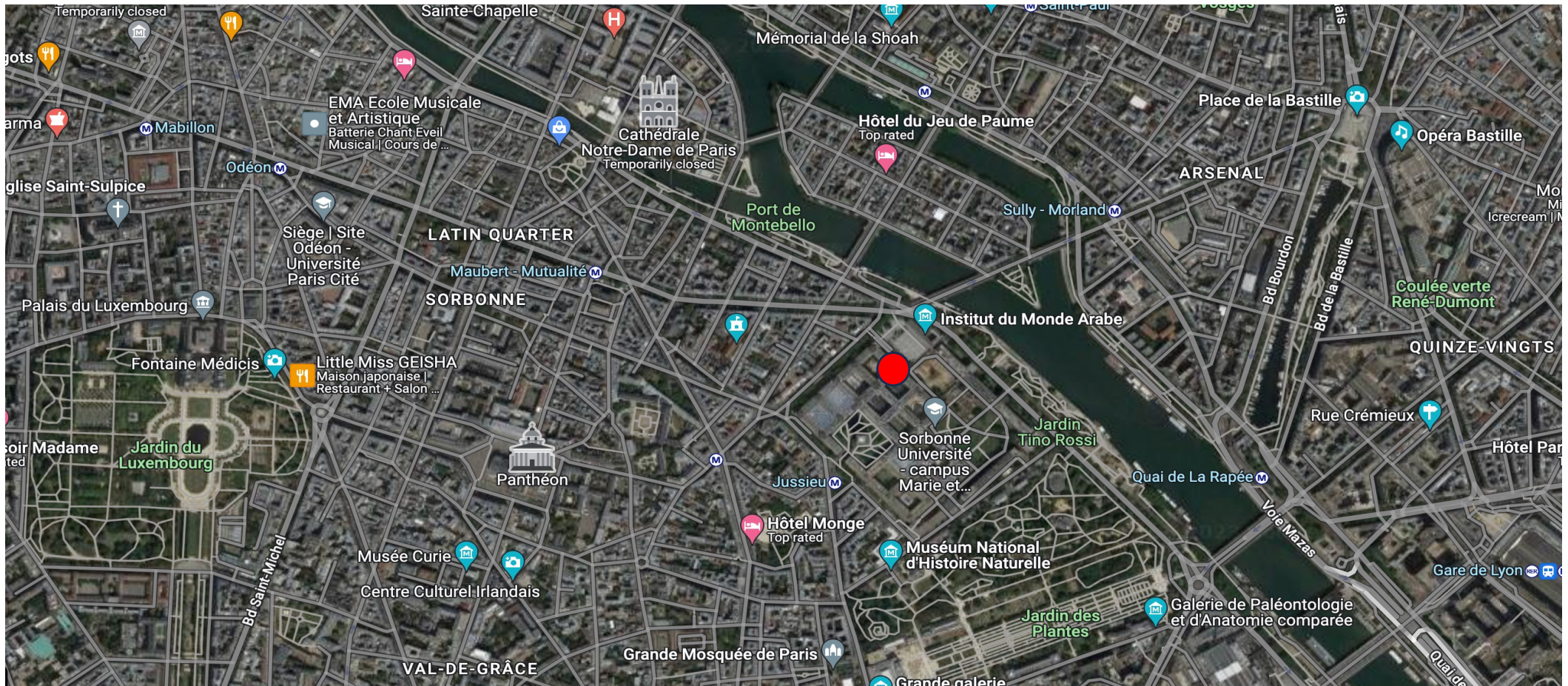
Hands-on session : SILVACO and SYNOPSYS

New companies growing: Global TCAD Solutions

24/11/2023

Experiences from foundries and discussion

The 5eme arrondissement



Very central but not touristic area with a lot of interesting spots to visit and nice restaurants, brasseries and cafés

Accommodation :

(for people choosing this option)

CIS Kellermann

<https://www.hotel-cis-paris-kellermann.com/en>

17, boulevard Kellermann 75013 Paris

Tél. : +33 (0)1 44 16 37 38

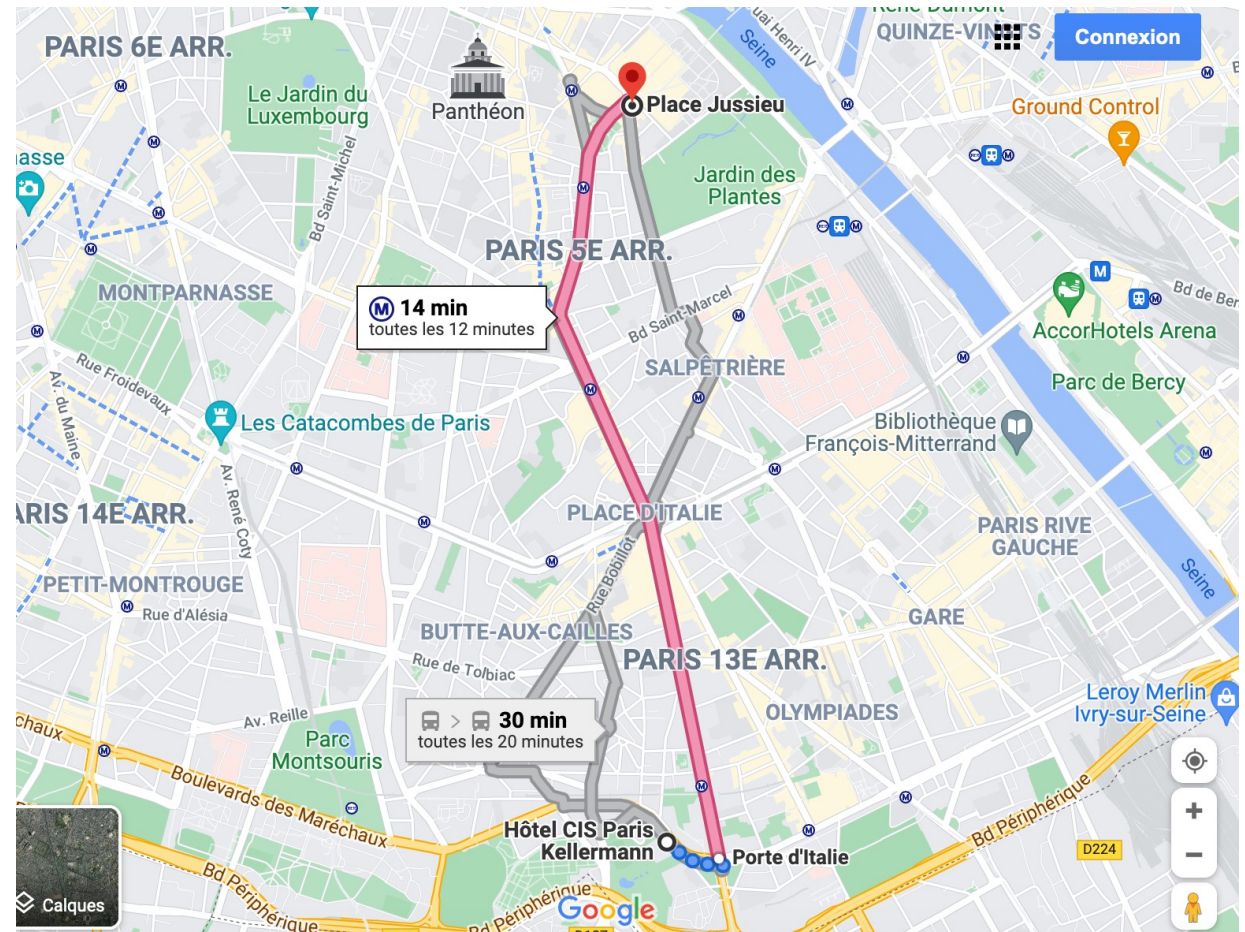
Metro station « Porte d'Italie », Line 7

Dinners included 22/11, 23/11:

18:30-20:30

It is not a “luxury” accommodation but we tried to arrange a place at good conditions for an affordable price for everybody

Please give us feedback



Tomorrow's hands on session

We could meet here in front of Tower 22, Jussieu level, to walk to the ATRIUM building, or you can wait in front of there

Silvaco/Synopsys sessions in parallel in the morning, **sign up to the paper for select the session you want to attend**. There are PCs in the two exercise rooms

TCAD Solutions in the afternoon

Internet connection

Eduroam wifi working

If you don't have eduroam installed, I asked for a number of temporary accounts to Sorbonne Université

Come to see me to pick up your credentials

They will be personal in compliance with the French law

Connect to the SSID network 'Congres' with the credentials you received

Feedback form

We will distribute a form to allow you to give us feedback

It is anonymous so you will be more comfortable to express your opinions

This will be very useful to improve next editions of the school in the future

Family Name, First name (optional):

You are (optional): attendee speaker

Lecture	Presentation impact	Level	Speaker skills	Support material	Comments
Introduction to semiconductor detectors	<input type="checkbox"/> essential <input type="checkbox"/> very highly <input type="checkbox"/> normal <input type="checkbox"/> secondary <input type="checkbox"/> none	<input type="checkbox"/> too high <input type="checkbox"/> high <input type="checkbox"/> adapted <input type="checkbox"/> basic <input type="checkbox"/> too basic	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> low <input type="checkbox"/> inadapted	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> bad <input type="checkbox"/> inadapted	
Introduction to SYNOPSIS TCAD suite	<input type="checkbox"/> essential <input type="checkbox"/> very highly <input type="checkbox"/> normal <input type="checkbox"/> secondary <input type="checkbox"/> none	<input type="checkbox"/> too high <input type="checkbox"/> high <input type="checkbox"/> adapted <input type="checkbox"/> basic <input type="checkbox"/> too basic	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> low <input type="checkbox"/> inadapted	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> bad <input type="checkbox"/> inadapted	
Uses of SYNOPSIS in high-energy physics experiments	<input type="checkbox"/> essential <input type="checkbox"/> very highly <input type="checkbox"/> normal <input type="checkbox"/> secondary <input type="checkbox"/> none	<input type="checkbox"/> too high <input type="checkbox"/> high <input type="checkbox"/> adapted <input type="checkbox"/> basic <input type="checkbox"/> too basic	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> low <input type="checkbox"/> inadapted	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> bad <input type="checkbox"/> inadapted	
Introduction to SILVACO TCAD suite	<input type="checkbox"/> essential <input type="checkbox"/> very highly <input type="checkbox"/> normal <input type="checkbox"/> secondary <input type="checkbox"/> none	<input type="checkbox"/> too high <input type="checkbox"/> high <input type="checkbox"/> adapted <input type="checkbox"/> basic <input type="checkbox"/> too basic	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> low <input type="checkbox"/> inadapted	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> bad <input type="checkbox"/> inadapted	
Uses of SILVACO in high-energy physics experiments	<input type="checkbox"/> essential <input type="checkbox"/> very highly <input type="checkbox"/> normal <input type="checkbox"/> secondary <input type="checkbox"/> none	<input type="checkbox"/> too high <input type="checkbox"/> high <input type="checkbox"/> adapted <input type="checkbox"/> basic <input type="checkbox"/> too basic	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> low <input type="checkbox"/> inadapted	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> bad <input type="checkbox"/> inadapted	
Hands-on session: SILVACO	<input type="checkbox"/> essential <input type="checkbox"/> very highly <input type="checkbox"/> normal <input type="checkbox"/> secondary <input type="checkbox"/> none	<input type="checkbox"/> too high <input type="checkbox"/> high <input type="checkbox"/> adapted <input type="checkbox"/> basic <input type="checkbox"/> too basic	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> low <input type="checkbox"/> inadapted	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> satisfactory <input type="checkbox"/> bad <input type="checkbox"/> inadapted	
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And a special thanks to Prof. B. Laforge
of Sorbonne Université who gave us a
big support with the university

I hope you will have fun!