

SIMDET 2016

2nd school on silicon detectors simulation

LPNHE - Paris

05-07 September 2016

Scientific committee

BOMBEN Marco LPNHE Paris
CALDERINI Giovanni LPNHE Paris
CLEMENS Jean-Claude CPPM Marseille
LAVERGNE Laurence LPNHE Paris
LIMOUSIN Olivier CEA/IRFU Saclay
LOUNIS Abdenour LAL Orsay
MARCHIORI Giovanni LPNHE Paris
MOLL Michael CERN Genève
OLIVETTO Christian APC Paris
ORSINI Fabienne CEA/IRFU Saclay

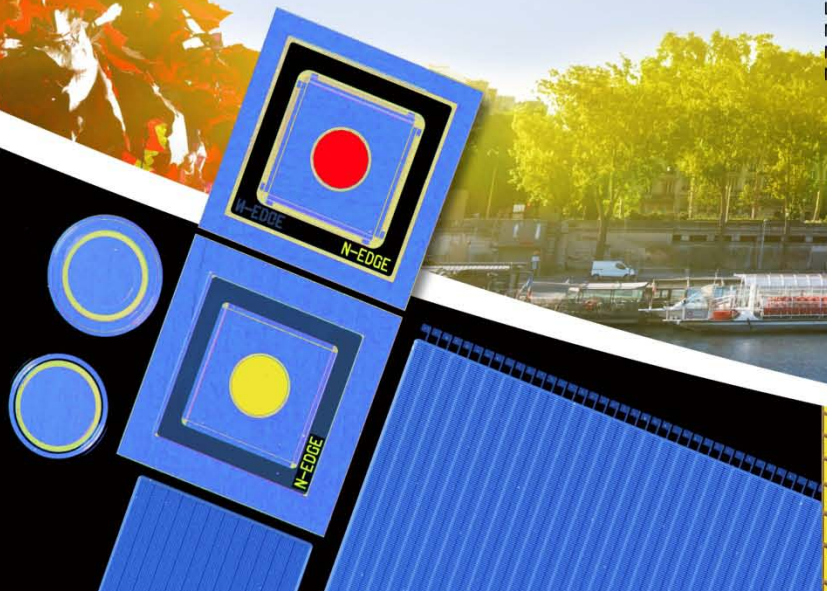
Local organising committee

BAALOUCHI Hager
BOMBEN Marco
CALDERINI Giovanni
LAVERGNE Laurence
MARQUET Laurence
MARCHIORI Giovanni
MENDOZA Victor

LPNHE
PARIS



UPMC
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SACLAY



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Welcome

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Program :

09/05/2016 :

introduction to semiconductor detectors

SYNOPSYS

SILVACO

09/06/2016 :

Hands-on session : SILVACO and SYNOPSYS

09/07/2016 :

Founderies : Canberra, CNM, FBK

SIMDET 2

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CAMPUS JUSSIEU Plan d'accès au LPNHE



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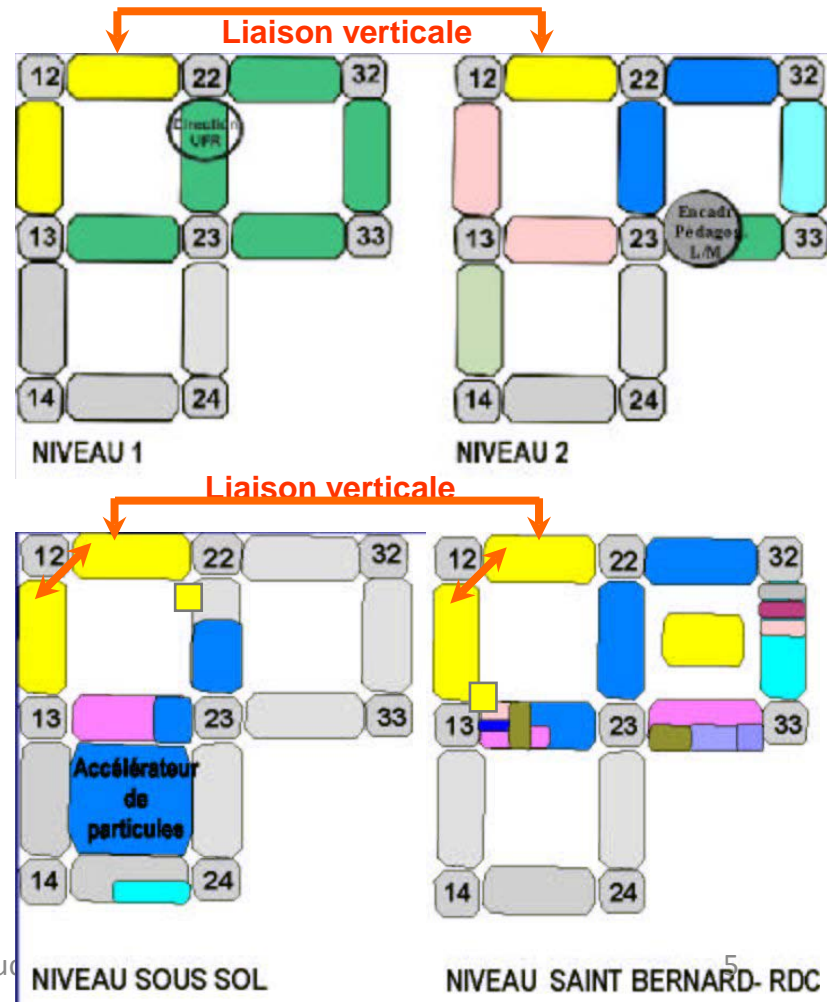
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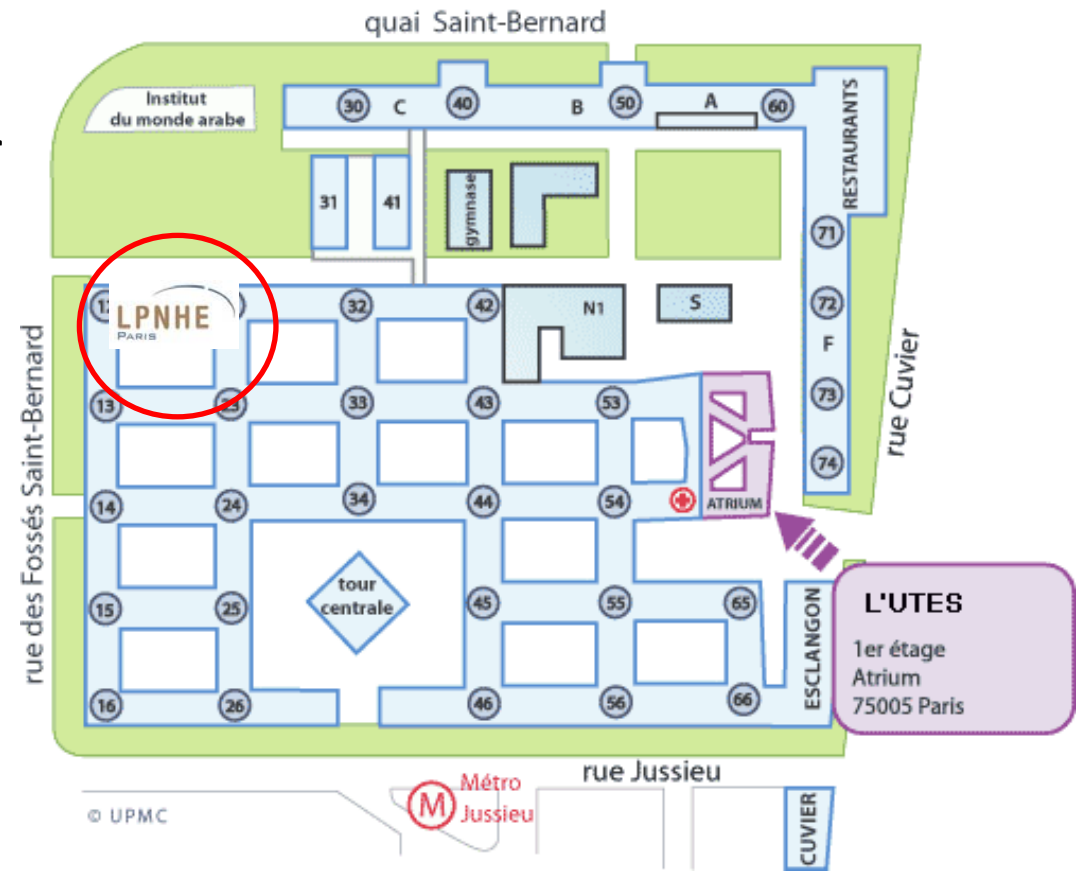
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L'UTES, ATRIUM building
Room 117 & 121 , 1st floor



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Accommodation :

FIAP Jean Monnet, 30 rue Cabanis

Metro station « Glacière »

Diner : 18:30-20:30

Meals :

Tuesday lunch: L'ardoise, between tower 25 et tower 26

Social dinner (included): Au bistrot de la montagne, 38 rue de la montagne
Sainte Geneviève, 75005 – @19h30

Wednesday lunch (optional): 1st floor.

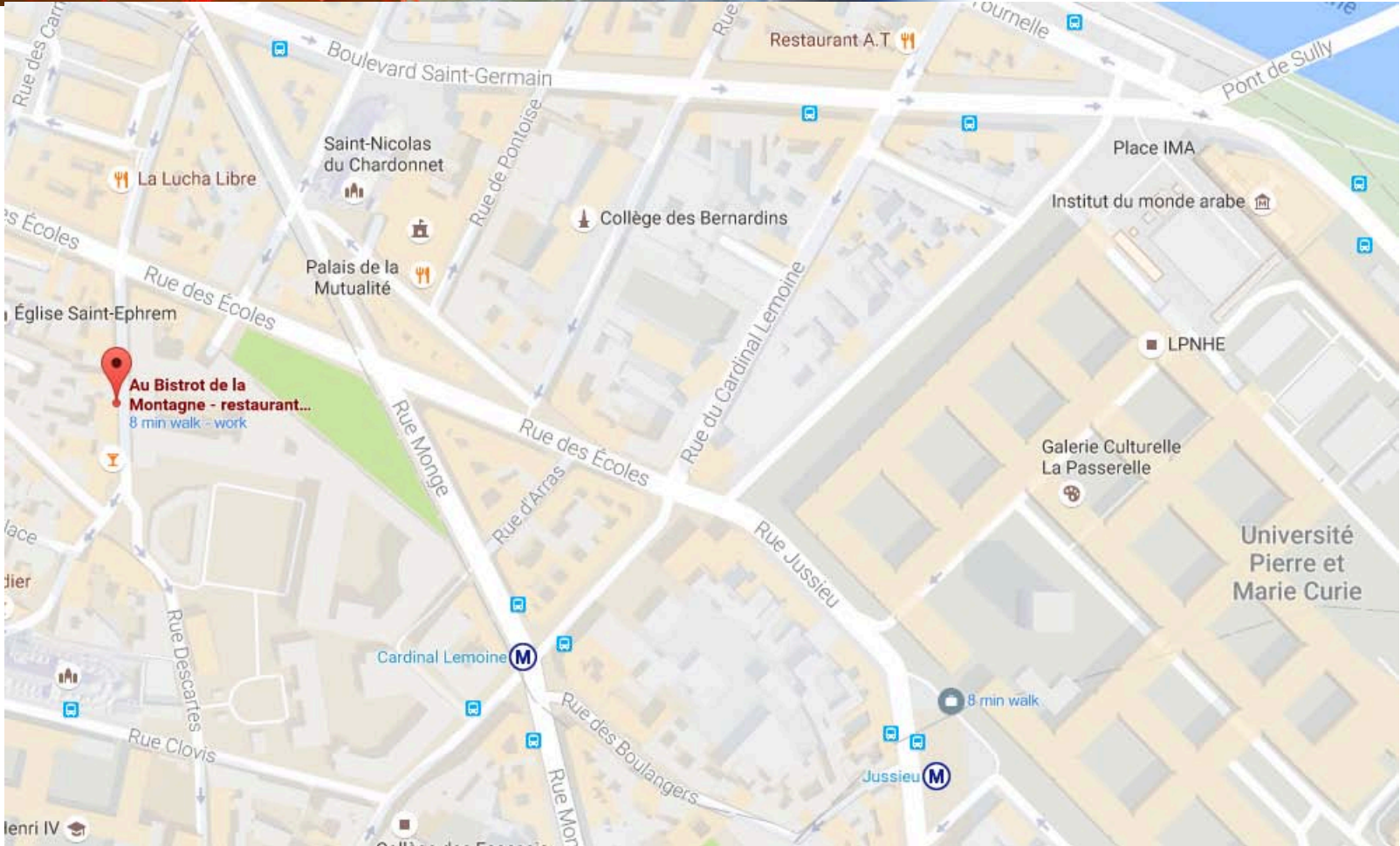
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Assessment :

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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Hands-on session

- Practical demonstration of the Silvaco and Synopsys software by the developers
- tomorrow, 9h00-12h30 and 14h00-17h30
- at L'UTES, 2 rooms equipped with PCs
- Room 117: morning->Silvaco beginner, afternoon->Silvaco advanced
- Room 121: morning->Synopsys beginner, afternoon->Synopsys advanced
- 2 students per PC
- Coffee breaks in the rooms