

Welcome to the
HiPerNav training event
in Strasbourg
10-12th December



6 December 2018

Monday 10th of December

Place: IHU (Institute of Image-Guided Surgery), Salle de conférence,
Strasbourg

Time	Topic	Speaker
9.00 - 9.30	Morning coffee	
9.30 – 10.00	Welcome to HiPerNav event in Strasbourg / applications	Stéphane Cotin
10.00 – 11.00	Introduction to Sofa	Hugo Talbot
11.00 – 12.00	Sofa lab	Hugo Talbot
12.00 – 13.30	Lunch	
13.30 – 16.00	Sofa lab	Hugo Talbot
16.00 – 17.00	Introduction to theory of linear elasticity	Igor Peterlik
17.00 – 18.00	Numerical aspects of FE simulation	Hadrien Courtecuisse
19.00 – 20.00	Strasbourg guided tour	
20.00 – 21.00	ESR's social program	

Tuesday 11th of December

Place: IHU (Institute of Image-Guided Surgery), Salle de formation 2,
Strasbourg

Time	Topic	Speaker
9.00 – 10.00	Special guest № 1	Nicolas
10.00 – 11.00	Special guest № 2 (not proved)	
11.00 – 11.30	IRCAD visiting	
11.30 – 12.00	IHU visiting	
12.00 – 13.30	Lunch	
13.30 – 16.30	Sofa lab	
16.30 – 17.00	Biomechanics-based graph matching for CT	Jaime Garcia Guevara
17.00 – 18.45	Xmas market	
18.45 – 21.00	HiPerNav dinner	

Wednesday 12th of December

Place: IHU (Institute of Image-Guided Surgery), Salle de formation 2,
Strasbourg

Time	Topic	Speaker
9.30 – 10.00	A simulation & machine learning approach for image-based force classification	Andrea Mendizabal
10.00 – 11.00	2D\3D fusion and object tracking	Antoine Petite
11.00 – 12.00	Visiting of Robotics lab and ICUBE	
12.00 – 13.30	Lunch	
13.30 – 14.00	Image-guided real time simulation for fluoroscopy	Rafaella Trivisonne
14.00 – 16.30	Sofa lab, final results	
16.30 – 17.00	Concluding remarks	Stéphane Cotin

General information:

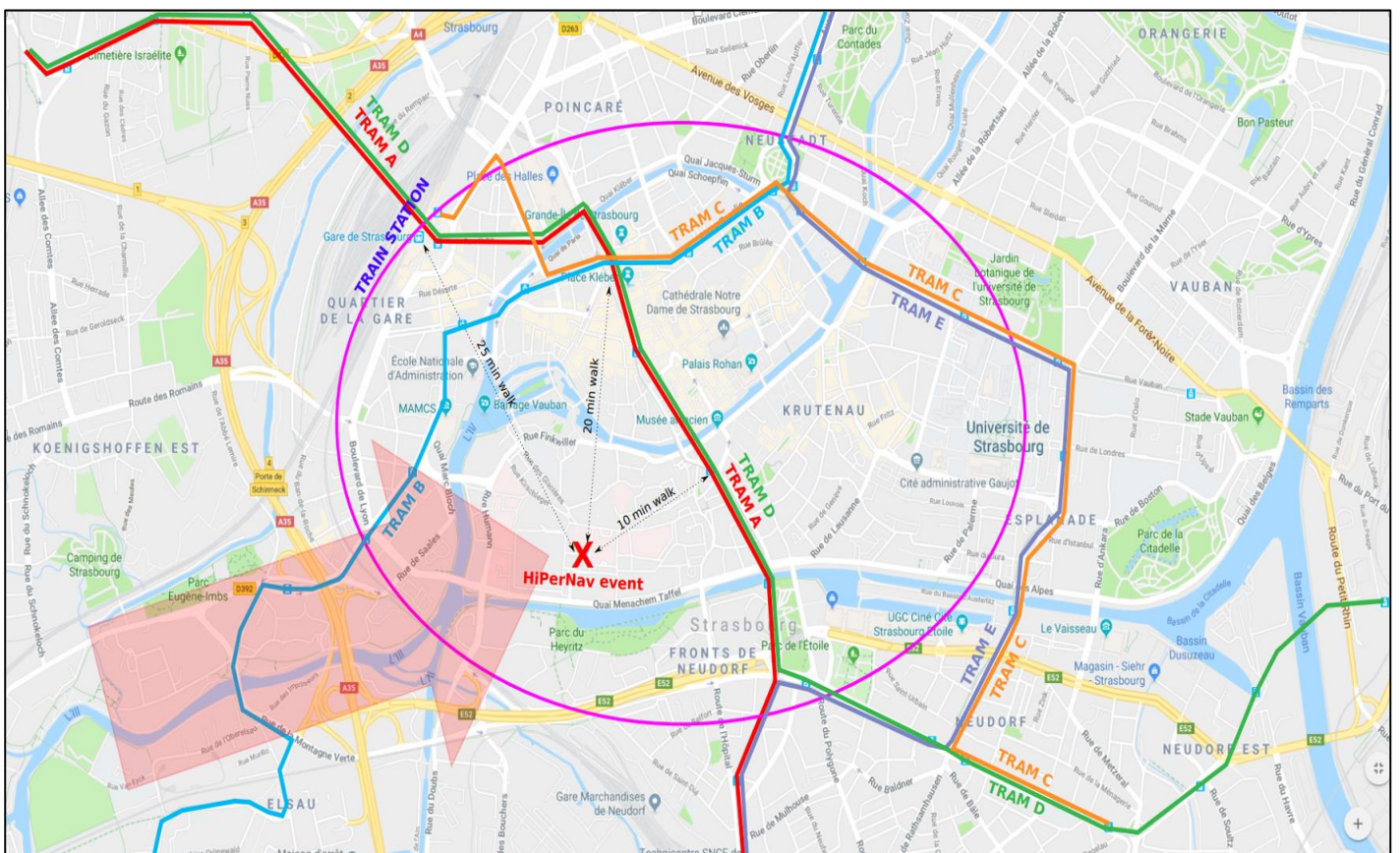
Address of MIMESIS in Strasbourg:

1 place de l'Hôpital, bâtiment Clovis Vincent, 67000, Strasbourg

Address of location event:

1 place de l'Hôpital, IHU (Institute of Image-Guided Surgery), 67000, Strasbourg
(red cross on attached maps)

Most of the activities will be held in the fuschia-colored circle.





Public transport:

Trams: The most common public transport in Strasbourg are trams, the nearest station to l’Hôpital Civil is ‘place de l’Hôpital’ lines A and D. The single ticket cost 1.20 euros and is valid for one hour for all trams. Please remember that you have to validate the ticket **BEFORE** you enter the tram.

Buses: The buses in Strasbourg usually go to the furthest parts of the city and to the nearest cities. The bus network is available at the CTS cite: <https://www.cts-strasbourg.eu/en/getting-around/network-maps>.

The nearest stations are “Hopital Civil” bus number L1(15) and “Hôtel du Département” bus number 10.

Bikes: there is a possibility to rent a bike for long and short time periods and use it to go to office and back. The most known service to rent bikes is **velhop**. For more information please look at their site: <https://velhop.strasbourg.eu/?lang=en>

Trip to Strasbourg:

We will go to Strasbourg directly from Paris. There are two possible ways:

1. Train: The train goes several times a day from “East railway station” in Paris up to railway station in Strasbourg (and vice versa). It takes approximately 2 hours and costs 50-100 euros depending on time, day of the week, and combination of stars on the sky.) For more information you could look here: <https://www.sncf.com/sncv1/en/passengers> and here: <https://www.gares-sncf.com/fr/gare/frpst/paris-est> . Please remember than in France you have to validate the ticket **BEFORE** you enter the train (apart from cases when time and seat is marked on the ticket).

2. Bus: For those who prefer cheap trips there is also a possibility to take a bus. The bus goes from Paris “**Gare routière internationale de Paris Gallieni**” Gallieni underground station (but there also possibilities to take bus other stations) to bus station in parc de l’Etoile in Strasbourg. The trip takes approximately 8 hours and costs 15-20 euros.

Trip from Strasbourg:

There is a local airport in Strasbourg, but there are not many flights there. So there are three main possibilities to travel:

1. Through Paris: see the description above, there might be also a possibility to book TGV seat at particular trains as connecting flight. In this case the train goes directly to “**Charles de Gaulle**” airport in Paris. It costs approximately like common TGV train to Paris.

2. Through Frankfurt:

2a: There is a special Lufthansa shuttle bus that goes directly from Strasbourg (the bus stop is near railway station) to Frankfurt airport. It costs 50 euros and goes several times a day. The trip takes approximately 3 hours. You could reserve a seat on Lufthansa site.

2b: There also exists a shuttle to Offenburg and then it is possible to book a train from Offenburg to Frankfurt.

(see German trains timetable: <https://www.bahn.com/en/view/index.shtml>).

3. Through Basel: for those who live in Switzerland and those who will travel through Basel EuroAirport (“**St. Louis**” train station), the possible option might be to take a train from Strasbourg to Basel. The trip by TER (not TGV) takes 1 hour 20 minutes and costs approximately 25 euros. Please remember than in France you have to validate the ticket **BEFORE** you enter the train.