META-workshop: ITMO University - Aix-Marseille University

Institut Fresnel, Marseille, France

8h30-9h00 : Welcome coffee – Introduction Stefan Enoch

9h00- 9h20 : Spatial dispersion in metamaterials, by Pavel Belov (15 min)

9h20-9h40 : Internal field enhancement in silicon-based Mie resonators: modal analysis and application to non-linear optics, by Nicolas Bonod (15 min)

9h40- 10h00 : From high-index Mie-photonics to light localization in low-index quasicrystals (some selected topics), by Mikhail Rybin (15 min)

10h00-10h20 : Plasmonic nanoantennas for enhanced single molecule fluorescence detection, by Jerome Wenger 15 min

10h20-10h40 : Halide perovskite nanophotonics, by Sergey Makarov (15 min)

10h40-11h00 : Coffee Break

11h00-11h20 : Resonant state descriptions of response functions: Wide band and time domain, By Brian Stout (15 min)

11h20-11h40: Hybrid silicon/phase-change metasurfaces and nanoantennas for active nanophotonics, by Ivan Sinev (15 min)

11h40- 12h00 : Full optical characterization of nanoparticles and metasurfaces using quantitative phase imaging, by Guillaume Baffou (15 min)

12h00- 12h20 : (ONLINE) Nonlinear optical structures in active and passive systems, by Alexe Yulin (15 min)

12h20- 12h40 : Technology of complex multilayer filters, by Julien Lumeau (15min)

12H40-14h00 : LUNCH

14h00- 14h20 : Optics of "soft" porous crystals, by Valentin Milichko (15 min)

14h20- 14h40 : Platform PLANETE: nanofabrication for photonics, by Igor Ozerov (15 min)

14h40-15h00 : (ONLINE) New physical phenomena for wireless power transfer, by Mingzhao Song (15 min)

15h00-15h20 : Low-index photonic crystals with omnidirectional bandgap, by Mikhail Sidorenko (15 min)

15h20-15h40 : MRI facilities, by David Bendahan (15 min)

15h40-16h00 : Ultrawideband coils for ultrahighfield MRI, by Stanislav Glybovsky (15 min)

16h00-16h20 : Metasurface eigenmodes visualization with MRI, by Alexey Slobozhanyuk (15 min)

16h20-16h40 : Coffee Break

16h40-19h00 : Round Table and visit of the lab facilities

20h00 Restaurant « Les Arcenaulx » 25 Cours Estienne d'Orves 13001 MARSEILLE

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement n°736937

TO REACH YOUR HOTEL

A TAXI have been booked for you by PROTISVALOR

He will take you at 23h40 at Marignane Airport (1 car for all of you)

The taximan will wait you with a “ITMO” Sign in the main hall.

Contact TAXI : VIZON JEREMY, contact@taxisud.fr - 06 04 51 15 69

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LINK FOR VISIOCONFERENCE

http://desktop.visio.renater.fr/scopia?ID=726284*1092&autojoin**

Connexion à la conférence	
Connexion depuis un terminal individuel (Windows, OS X, tablette, smartphone ...)	http://desktop.visio.renater.fr/scopia?ID=726284***1092&autojoin
Manuel d'installation de Scopia Desktop	doc_scopia_desktop-fr.pdf
IP	194.214.202.146
Téléphone ou RNIS	+33 (0)9 88 83 00 07
SIP	sip:726284@195.98.238.109
H.323	h323:726284@mgmt.visio.renater.fr
Numéro de la conférence	726284 (terminer par #)
Code d'accès	1092 (terminer par #)

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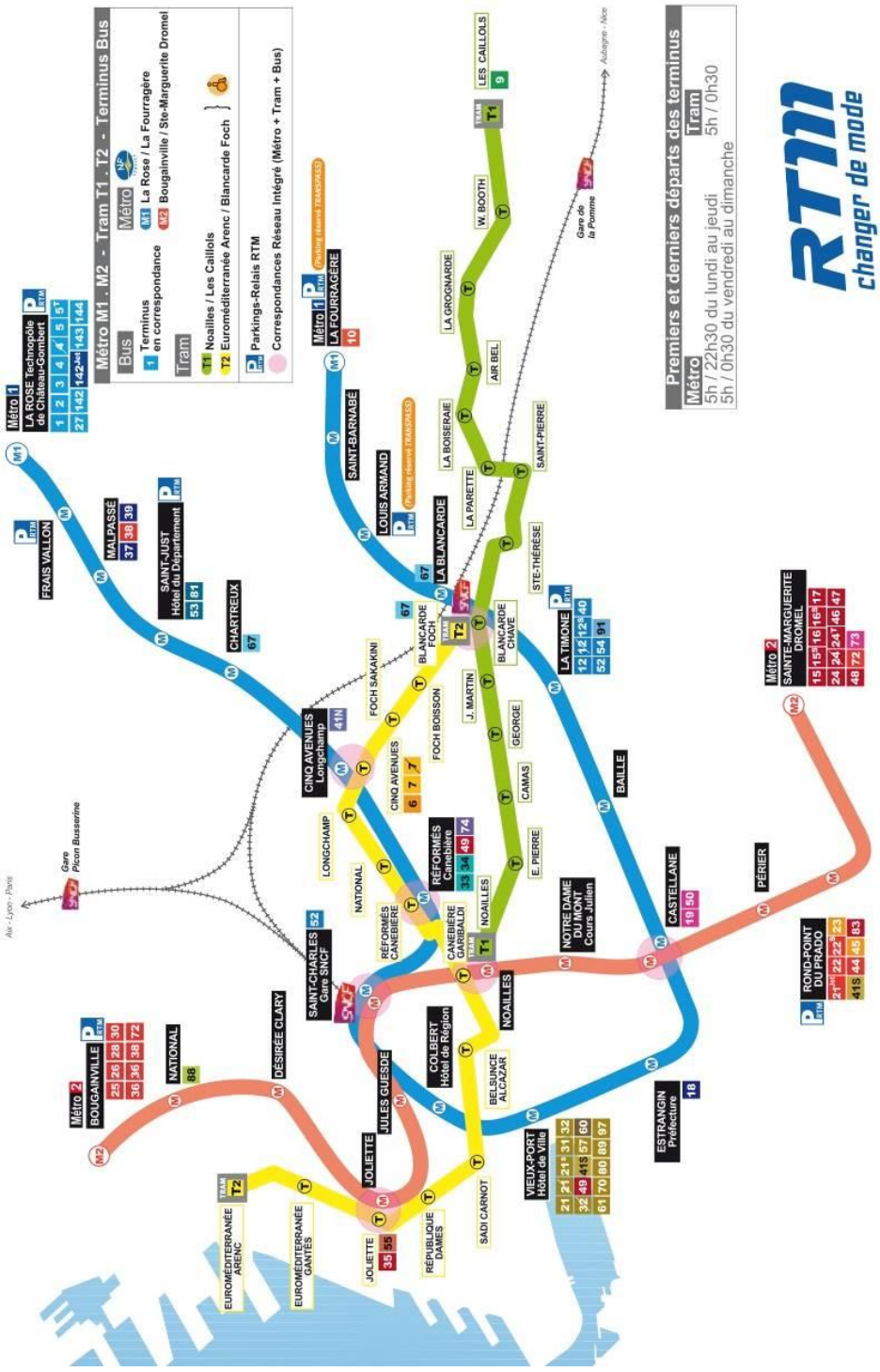
Take Metro **Line 1** (Blue line toward “La Rose” Terminus) - Stop at **Malpassé Station**
Then take the **Bus B3A** (the pink one) until « **Saint-Jérôme IUT** » Stop.



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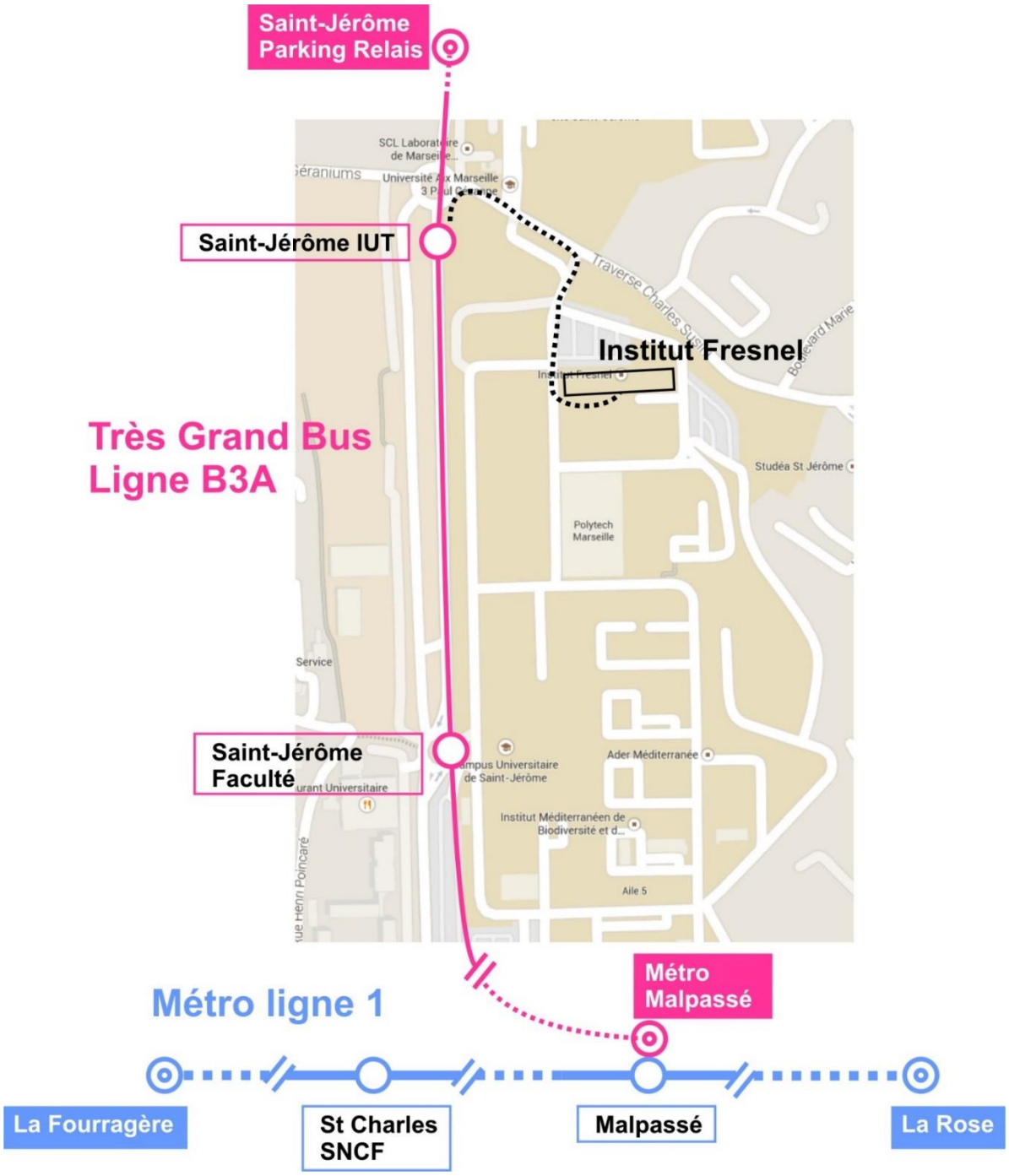
Bus line B3A



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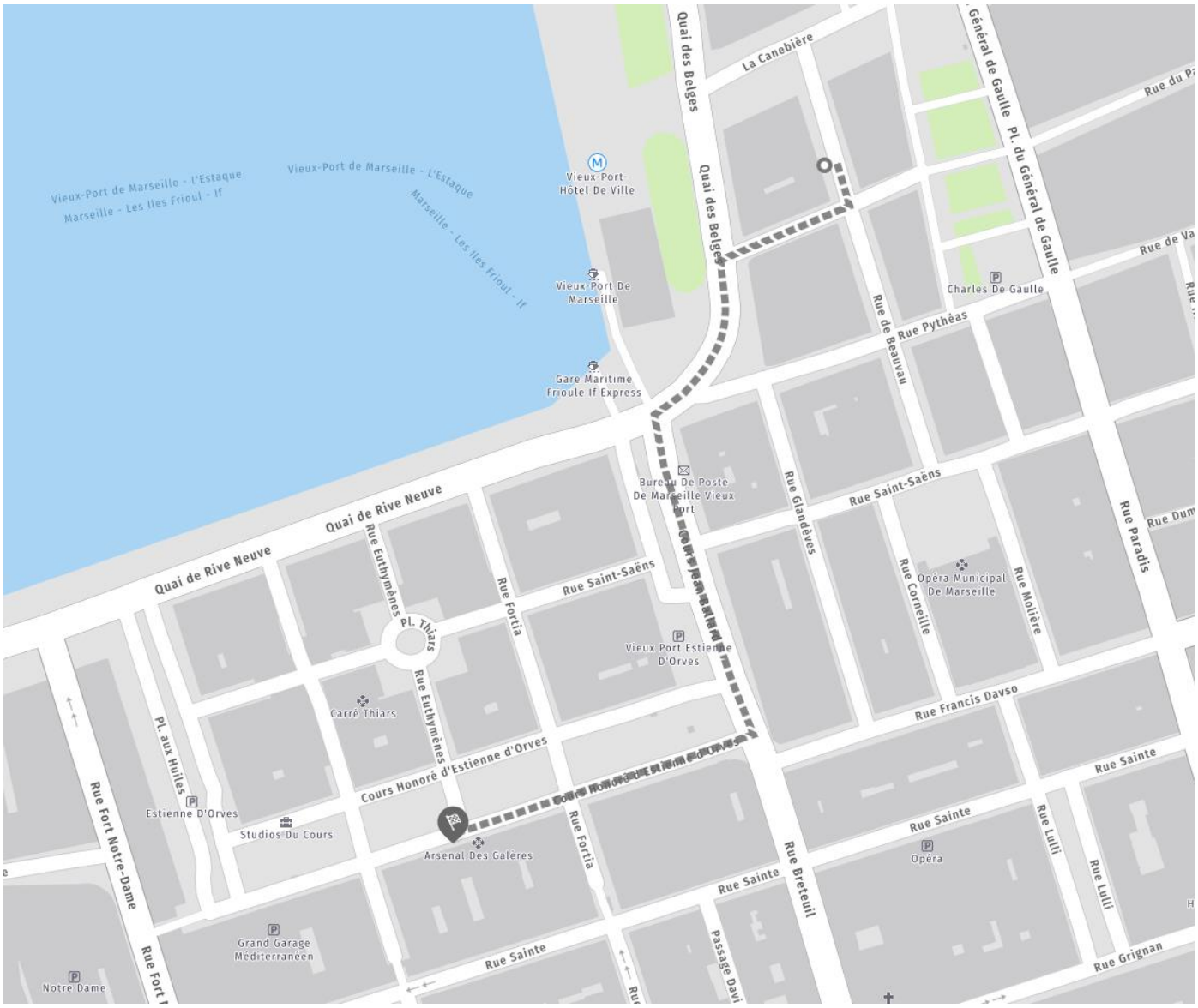
5 mn Walk (400m)



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