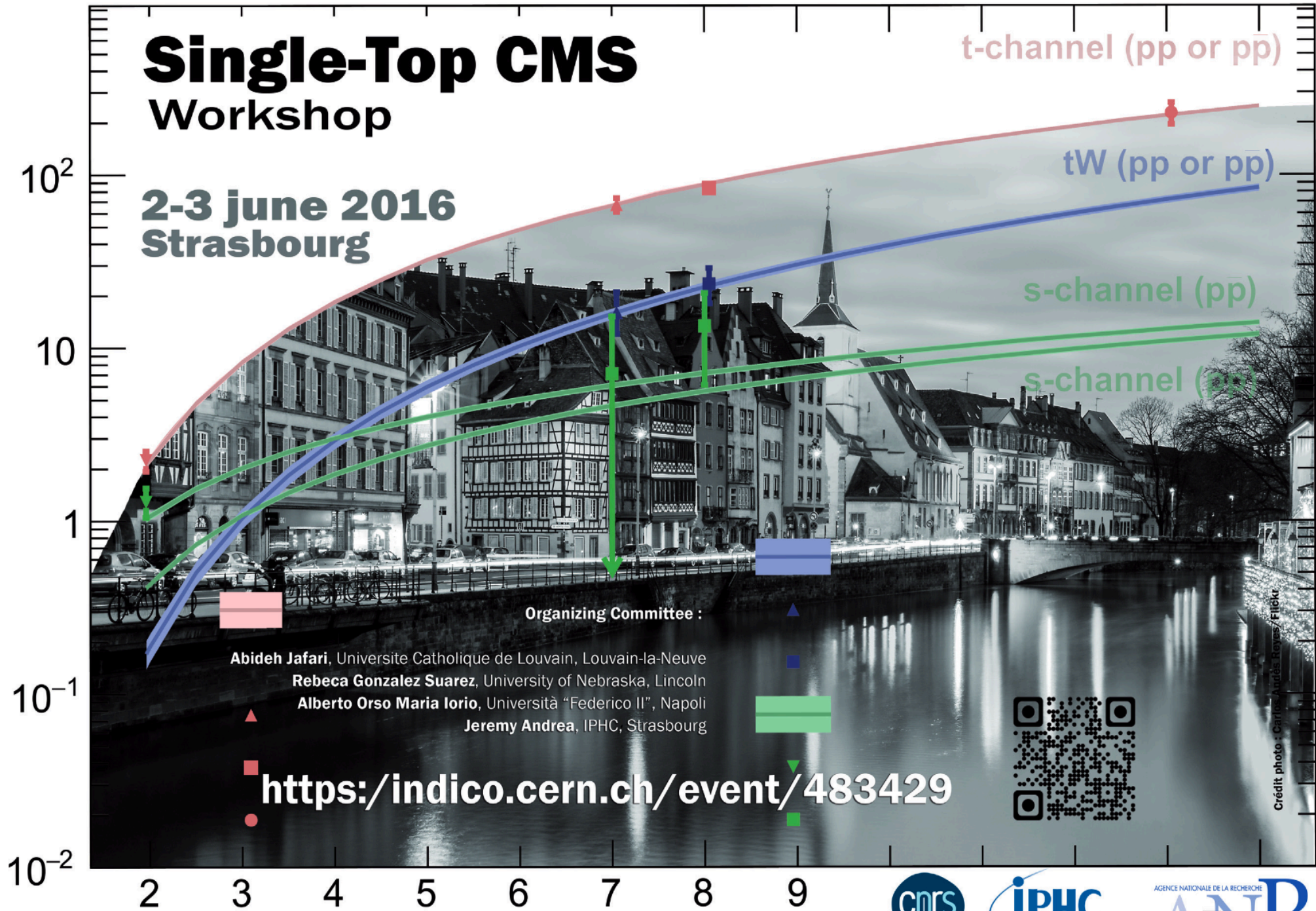


Single-Top CMS Workshop

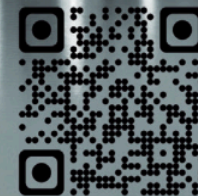
2-3 June 2016
Strasbourg



Organizing Committee :

Abideh Jafari, Université Catholique de Louvain, Louvain-la-Neuve
Rebeca Gonzalez Suarez, University of Nebraska, Lincoln
Alberto Orso Maria Iorio, Università "Federico II", Napoli
Jeremy Andrea, IPHC, Strasbourg

<https://indico.cern.ch/event/483429>



Credit photo : Carline Arrais Royes / Flickr





3rd CMS Single-Top Workshop



- CMS workshop on single top quark physics !
- **Goals :**
 - Overview of the ongoing single top activities within CMS (and beyond),
 - Facilitate interactions with theorists,
 - Promote discussions, interactions and new ideas,
 - Prepare analyses plans for the 2016 data,
- **All this in a friendly atmosphere !**
- **As usual two sessions :**
 - Open session, with non-CMS participants (theorists),
 - Close session, discuss non public results.



Agenda of today (1)



09:00	Introduction and welcome <i>IPHC, Strasbourg</i>	09:00 - 09:10
	Experimental talk I: Run-2, SM <i>IPHC, Strasbourg</i>	<i>Matthias Komm</i> 09:10 - 09:50
10:00	Theory talk I: SM modeling <i>IPHC, Strasbourg</i>	<i>Tomas Jezo</i> 09:50 - 10:30
	Coffee <i>IPHC, Strasbourg</i>	10:30 - 11:00
11:00	Theory talk II: single top couplings to vector bosons in SM and BSM (V_{tb}, tWb ac, FCNC) <i>IPHC, Strasbourg</i>	<i>Gauthier Durieux</i> 11:00 - 11:40
12:00	Experimental summary of single-top couplings, anomalous couplings and FCNC measurement <i>IPHC, Strasbourg</i>	<i>Kirill Skovpen</i> 11:40 - 12:20

WARNING : short lunch break !



Agenda of today (2)



	Single-top + DM Theory	<i>Benjamin Fuks</i>
	<i>IPHC, Strasbourg</i>	13:30 - 14:00
14:00	Single-top + DM Exp.	<i>Michael Anthony Buttignol</i>
	<i>IPHC, Strasbourg</i>	14:00 - 14:30
	Single-top + Higgs Theory.	<i>Andrea Thamm</i>
	<i>IPHC, Strasbourg</i>	14:30 - 15:00
15:00	Coffee PICTURE !	
	<i>IPHC, Strasbourg</i>	15:00 - 15:30
	Single-top + Higgs Exp.	<i>Benedikt Maier</i>
	<i>IPHC, Strasbourg</i>	15:30 - 16:00
16:00	Future colliders and single-top with focus on new physics Theory	<i>Patrizia Azzi</i>
	<i>IPHC, Strasbourg</i>	16:00 - 16:30
	report from LHCTopWG	<i>Martijn Mulders</i>
	<i>IPHC, Strasbourg</i>	16:30 - 17:00
17:00		



Agenda of tomorrow (1)



09:00	t-channel inclusive cross-section <i>IPHC, Strasbourg</i>	09:10 - 09:30
	t-channel differential cross section <i>IPHC, Strasbourg</i>	<i>Matthias Komm</i> 09:30 - 09:50
10:00	tW dilepton inclusive cross section <i>IPHC, Strasbourg</i>	<i>Duncan Leggat et al.</i> 09:50 - 10:10
	top quark mass in t-channel <i>IPHC, Strasbourg</i>	10:10 - 10:30
	Coffee <i>IPHC, Strasbourg</i>	10:30 - 11:00
11:00	improving precision for t-channel <i>IPHC, Strasbourg</i>	<i>Alberto Orso Maria Iorio</i> 11:00 - 11:20
	Discussion about signal modelling and MC <i>IPHC, Strasbourg</i>	<i>Reza Goldouzian</i> 11:20 - 11:40
	status of FCNC MC production <i>IPHC, Strasbourg</i>	<i>Eric Conte</i> 11:40 - 12:00



Agenda of tomorrow (2)



14:00	tGammaQ, SM+FCNC <i>IPHC, Strasbourg</i>	<i>Seyed Mohsen Etesami</i> 14:00 - 14:20
	tZq in tri-lepton SM+FCNC <i>IPHC, Strasbourg</i>	14:20 - 14:40
	tHq SM <i>IPHC, Strasbourg</i>	<i>Georgios Krintiras</i> 14:40 - 15:00
15:00	Coffee <i>IPHC, Strasbourg</i>	15:10 - 15:40
	tH FCNC <i>IPHC, Strasbourg</i>	15:40 - 16:00
16:00	AC and FCNC in t-channel <i>IPHC, Strasbourg</i>	<i>Igor Miagkov et al.</i> 16:00 - 16:20
	Closure <i>IPHC, Strasbourg</i>	16:20 - 16:40



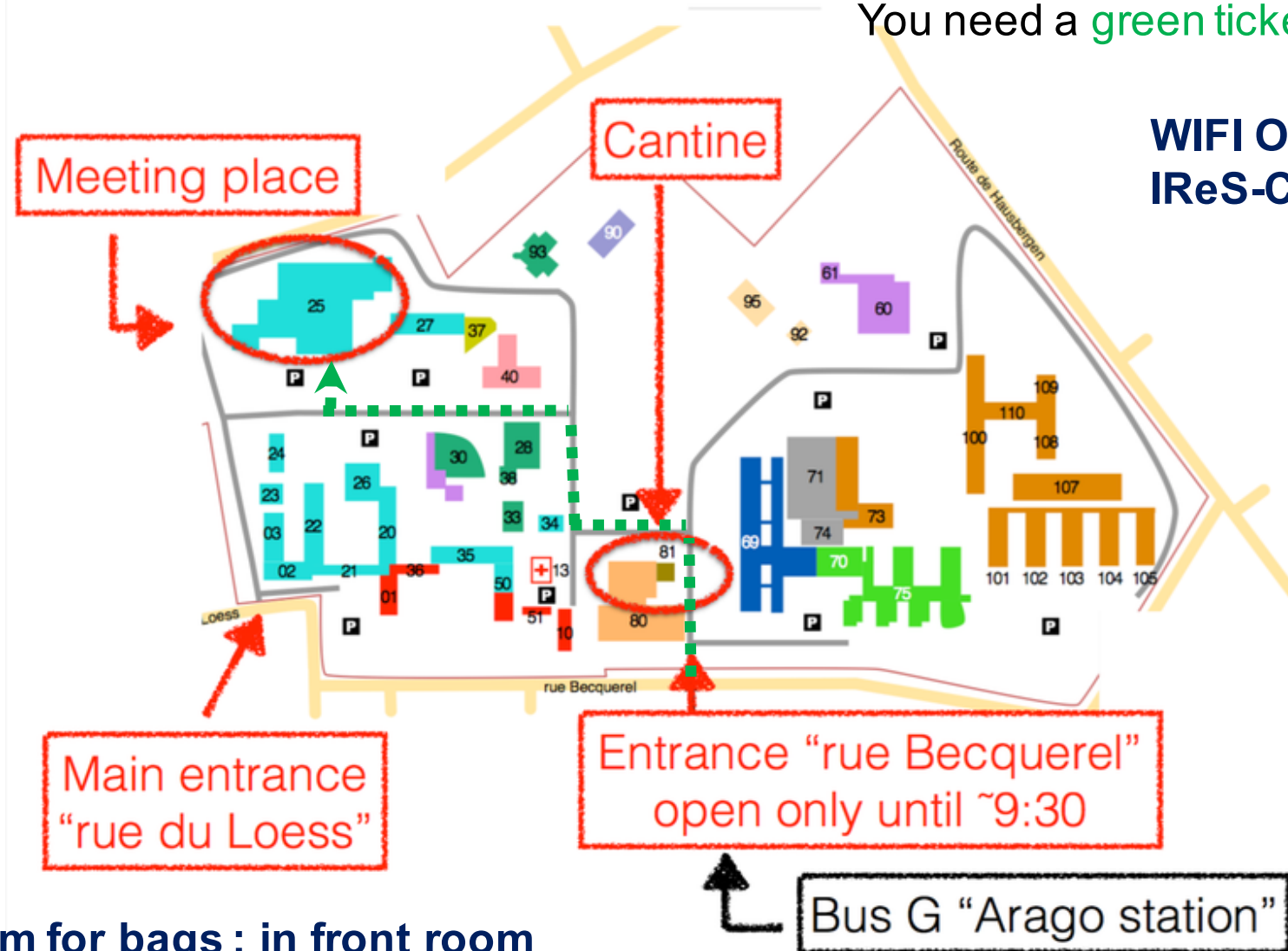
Map of IPHC



After lunch, coffee available at the amphi.

Lunches at IPHC restaurant (Cantine),
Payment in cash (8.42 euros),
You need a **green tickets** per lunch !

WIFI OPEN:
IReS-Conderence



Room for bags : in front room



Visit of the Cathedral



Guide : **Pierre Juillot**.
Retired CMS member.
Passionate of the
Cathedral and its
astronomical clock.

- Rendezvous point in front of the Cathedral at **17h30** ! (Cathedral is closing at 18h30-19h).
- Meeting stops at 17h00, **speakers please do not be late !**
- To go there, **follow the locals !**



- Restaurant « **La maison Kammerzell** » at 19h30.
- Located next to the Cathedral.

Menu à 32.30 €

Tarte à l'oignon, Salade verte

-

Volaille fermière façon 'Coq au Riesling' Spaetzle au Beurre

ou

Escalope de Saumon poêlée à l'Huile d'Olive, Blé tendre aux Asperges

ou

Blé Tendre cuit comme un Risotto Parmesan et petits Légumes

-

Strudel aux pommes, glace vanille

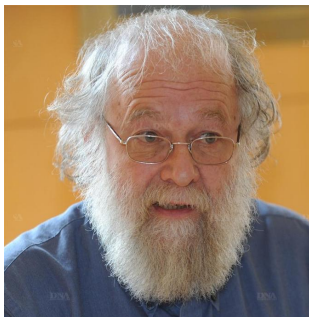
Choix sur place des plats



- Individual payments,
- Drinks “a la carte”.

L'équipe CMS en avril 2016

Jean-Marie Brom



Nicolas Chanon



Pierre Van Hove



Denis Gelé



Jeremy Andrea



Daniel Bloch



Caroline Collard



Jean-Charles Fontaine



Jean-Laurent Agram



Ulrich Goerlach



Kirill Skovpen



Laurent Gross



Anne-Catherine Lebihan



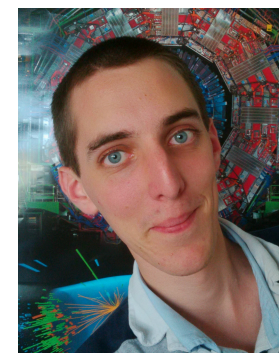
Eric Chabert



Marketa Jansona



Xavier Coubez



Michael Buttignol



Jean-Eric Conte



- Thanks to the IPHC and the BATS ANR for support !



Have a nice workshop !