# IGU WOC3 and WOC3 Study Group Meeting

March 10<sup>th</sup> - 13<sup>th</sup>, 2014 Turin - Piedmont - Italy









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### Dear IGU WOC 3 Colleagues,

allow me to welcome you to the 4<sup>th</sup> International Gas Union Working Committee 3 Meeting and to the Study Group meetings. We are delighted to have you with us and we wish you a pleasant stay here in Turin, Italy, from the 10<sup>th</sup> to 13<sup>th</sup> of March 2014.

We are also very happy to have SNAM RETE GAS as our host for this 4<sup>th</sup> meeting, held here in Turin, Piedmont's beautiful capital.

We are all aware that the success of the triennial IGU World Gas Conference depends on the work carried out by all IGU Committees. On the other hand, time and tide wait for no man and we are only 15 months away from the 2015 WORLD GAS CONFERENCE, which is to be held in France. There is much work to be done and the time is little, but I'm confident that each and every one of you will work at their best under pressure.

During this meeting, we will discuss in detail the first draft of the IGU WOC3 reports. We will be called to discuss the most important conclusions and to improve the report with recommendations and the lessons we have learned.

As always, the round table will give everyone present the opportunity to share recent company developments and those concerning our countries.

Conscious of the deep motivation and enthusiasm driving WOC3 members, I cannot but be certain of the success of this meeting, which I am also sure will turn out to be productive and interesting. I would like to tell you a few things about the town presently hosting this meeting. Turin is known as the birthplace of Italy as we know it today. It is a city rich in culture and history, and is known for its numerous art galleries, restaurants, churches, palaces, opera houses, piazzas, parks, gardens, theatres, libraries, museums and many other landmarks. Wide streets, elegant squares and baroque churches are the secret to its timeless charm.

Again, allow me to wish you all a wonderful stay in Turin and thank you for joining us.

Welcome to the 5<sup>th</sup> IGU WOC3 and WOC3 Study Group Meeting

Benjamín Guzman WOC3 Chairman

	MONDAY, 10 <sup>™</sup> MARCH 2014		SOCIAL PROGRAMME	
	Hotel check-in	Mercure Torino Royal Corco Pegina Margherita, 249 - 10144 Torino	9:00 a.m 4:00 p.m. 8:00 p.m 12:00 p.m.	Companions Programme
		Corso Regina Margherita, 249 - 10144 Torino		<ul> <li>Dinner for Delegates and Companions at restaurant La Barrique</li> </ul>
	TUESDAY, 11 <sup>™</sup> MARCH 2	2014		
	9:00 a.m 5:00 p.m.	<ul> <li>Registration &amp; Information: Name tag,</li> <li>Delegates and Companion Welcome Package</li> </ul>	WEDNESDAY, 12 <sup>™</sup> MARC	CH 2014
			9:00 a.m 5:00 p.m.	<ul> <li>Registration &amp; Information: Name tag, Delegates and Companion Welcome Package</li> </ul>
	WORK PROGRAMME			
	9:30 a.m.	CONFERENCE CENTER, ROYAL-A IGU WOC3 Plenary Meeting	WORK PROGRAMME	
IGU WOC3		<ul> <li>(business attire)</li> <li>Welcome speech, Introduction and Meeting Objectives by</li> <li>Mr Benjamín Guzmán, Chairman of WOC3.</li> </ul>	9:30 a.m.	CONFERENCE CENTER, ROYAL-A IGU WOC3 Plenary Meeting (business attire) • Welcome speech - <i>Mr Benjamín Guzmán,</i> <i>Chairman of WOC3</i> (10 min).
Study Group Meeting Agenda	10:30 a.m 10:45 a.m.	Coffee Break		<ul> <li>Roll call: introduction of new committee members (short biography) and apologies</li> </ul>
0	10:45 a.m 5:00 p.m.	CONFERENCE CENTER, ROYAL-B IGU WOC3 Study Group Meetings (business attire) SG 3.1 & 3.3 - Mr Peter Toth and Mr Alessandro Moretti.		<ul> <li>for absence</li> <li>Approval of the minutes of 2<sup>nd</sup> Working Commitee held in Houston in 2013, USA October 1-3 2013 - <i>Mr Benjamín Guzmán</i></li> <li>CIG Activity (20 min) - <i>Mr Michele Ronchi</i> (<i>Italian Gas Committee</i>)</li> </ul>
		CONFERENCE CENTER, THEATRE ODEON-B SG 3.2 - Mr Abderrahmane Taberkokt. • Review of purpose and scope • Review of questionnaire results	11:00 a.m 11:30 a.m	Coffee Break (Conference Center, Coffee Break area) Group Photo
		<ul><li>Definition of deliverables/SG Report</li><li>Milestone and Gantt Diagram</li></ul>		• Report given by study group leaders SG 3.1&3.2 and SG 3.3 (45 min.)
	1:00 p.m 2:30 p.m.	Buffet Lunch (Restaurant)		<ul> <li>Report on CC meeting in Beijing (15 min) - Mr Martin Slaby (Vice-Chair WOC3, Net4Gas)</li> </ul>
	5:00 p.m.	Meeting Adjourned - Refresh		

St A

- "TWP 2012-2015 & organization status of WGC2015" - Mr Yves Tournié (IGU Secretary CC WGC2015)
- "Status of the Report Natural Gas Facts and Figures" - Ms Emmauelle Wicquart IGU Secretary CC WGC2015
- "Zimella-Cervignano pipeline project"
  (20 min) Mr Simone Nobili (Snam Rete Gas)
- "Pipeline safety in the UK" Mr Ian Fordyce (DNV GL - UK Oil & Gas)
- "Construction of Pipelines in Densely Populated Areas" - Mr Sung Baek (KOGAS)
- "Computer simulation of the CO<sub>2</sub> flow through pipelines" - Andrzej Osiadacz -Warsaw University of Technology
- "Round Table" News on the gas industry around the world (WG/SG members are requested to prepare a short spoken presentation, 2-3 minutes) on recent developments in the gas industry. Subjects may include: changes in the gas market, company changes, major infrastructure projects, safety and environmental issues, etc.
- Venue of the next meeting (5 min)

• Meeting Adjourned - Refresh

• Conclusions (10 min) - *Mr Benjamín Guzmán* 

5:00 p.m.

### SOCIAL PROGRAMME

- 10:00 a.m. 5:00 p.m. · Companions Programme
- 7:00 p.m. 12.00 p.m. Dinner & social event for Delegates and Companions at *Dolce Stil Novo Ristorante alla Reggia*, Venaria Reale, Turin

### THURSDAY, 13<sup>™</sup> MARCH 2014

### **TECHNICAL VISIT**

- 8.00 a.m. 2:00 p.m.
  - Delegates and Companions (business casual)

### SNAM RETE GAS DISPATCHING CENTRE

(San Donato Milanese - Milan)

- Technical Visit and Lunch
- Presentation of the Real Time Simulation (held by hosting member)
- 4:00 p.m.
- Arrival at hotel in Turin
- End of activities

IGU WOC3 Study Group Meeting

Agenda

## IGU WOC3 & WOC3 SG Meeting Attendees

Last name	First Name	Company
Aizu	Kenji	Tokyo Gas Co., ltd
Akel	Samir	GRT gaz
Arancon De La Iglesia	Juan Carlos	Enagas
Arkadej	Pongsakdi	PTT Public Company Limited
Battilana	Nicola	Snam rete gas
Brauer	Ansgar	E.ON global commodities SE
Bychkov	Vladimir	Gazprom expo
Bystrova	Vita	Gazprom JSC
Chekli	Youssef	TIGF
Cherkashina	Olga	Spetsneftegaz NPO
Crocombette	Francois	GRTgaz
Deepank	Gupta	SP AusNet
Dergausov	lurii	Spetsneftegaz NPO
Falabella	Daniel Roberto	TGS
Fordyce	lan	DNV GL
Guzman	Benjamin Roberto	TGS
Hrvoje	Krhen	PLINACRO Ltd
Kanaykina	Olga	Spetsneftegaz NPO
Kaste	Kristin Kinn	Gassco AS
Kawaguchi	Shinobu	Tokyo Gas Co., ltd
Korpela	Arto	Gasum Oy
Krishnaswamy	Padmanabhan	Energinet. DK
Lermontova	Natalia	Spetsneftegaz NPO
Malpartida Moya	John Erick	Transportadora de Gas del Perù
Matula	Tomas	Eustream a.s.
Med Adnene	Masmaudi	STEG
Mohd Nazmi	bin Mohd Ali Napiah	Petronas
Moretti	Alessandro	Snam Rete Gas
Nukovic	Rastislav	Eustream a.s.
Osiadacz	Andrzej J.	Warsaw University of Technology
Potocny	Vladimir	Eurstream a.s.
Rand	Mark Leslie	Chevron Pipe Line
Rosenberg	Henrik	Balslev Consulting Engineers A/S
Said	Noureddine	Sergaz
Salma	Rachid	GRTG SONELGAZ
Slaby	Martin	Czech Gas Association NET4GAS
Sung Baek	Hong	Korea Gas Corporation
Suveerest	Laohavanich	PTT Public Company Limited
Svjetlicic	Marijan	PLINACRO Ltd
Taberkokt	Abderrahmane	GRTG SONELGAZ
Takafumi	Aoki	Tokyo Gas Co., ltd
Toth	Peter	Eurstream a.s.
Tournié	Yves	Secretary Coordination Committee WGC 2015
Weissenboeck	Gernold	Gas Connect Austria GmbH
Wicquart	Emanuelle	Secretary Coordination Committee WGC 2015
Woosik	Kim	KOGAS



## IGU WOC3 Study Group Meeting Meeting Attendees



## IGU WOC3 & WOC3 SG Technical Visit at SRG Dispatching Centre Attendees

Last name	First Name	Company
Aizu	Kenji	Tokyo Gas Co., ltd
Akel	Samir	GRT gaz
Arkadej	Pongsakdi	PTT Public Company Limited
Battilana	Nicola	Snam Rete Gas
Brauer	Ansgar	E.ON global commodities SE
Bychkov	Vladimir	Gazprom expo
Chekli	Youssef	TIGF
Cherkashina	Olga	Spetsneftegaz NPO
Deepank	Gupta	SP AusNet
Dergausov	lurii	Spetsneftegaz NPO
Falabella	Daniel Roberto	Transport adora de gas del sur s.a.
Guzman	Benjamin Roberto	Transport adora de gas del sur s.a.
Kanaykina	Olga	Spetsneftegaz NPO
Kawaguchi	Shinobu	Tokyo Gas Co., ltd
Korpela	Arto	Gasum Oy
Lermontova	Natalia	Spetsneftegaz NPO
Malpartida Moya	John Erick	Transportadora de Gas del Perù
Matula	Tomas	Eustream a.s.
Med Adnene	Masmaudi	STEG
Moretti	Alessandro	Snam Rete Gas
Nukovic	Rastislav	Eustream a.s.
Osiadacz	Andrzej J.	Warsaw University of Technology
Rand	Mark Leslie	Chevron Pipe Line
Rosenberg	Henrik	Balslev Consulting Engineers A/S
Said	Noureddine	Sergaz
Salma	Rachid	GRTG SONELGAZ
Sung Baek	Hong	Korea Gas Corporation
Suveerest	Laohavanich	PTT Public Company Limited
Taberkokt	Abderrahmane	GRTG SONELGAZ
Takafumi	Aoki	Tokyo Gas Co., ltd
Toth	Peter	Eustream a.s.
Weissenboeck	Gernold	Gas Connect Austria GmbH
Woosik	Kim	KOGAS

## IGU WOC3 Study Group Meeting Technical Visit

## The IGU WOC3 & WOC3 Study Group Meetings will take place on March 10<sup>th</sup> -13<sup>th</sup> 2014 at the Hotel Mercure Torino Royal

Within easy reach of motorways and the Sandro Pertini Turin Airport, the 4-star Mercure Torino Royal is set just outside the historic centre, and only 100 metres from the Mario Carrara Park.

With immediate access to public transport, Mercure Torino Royal offers a peaceful location in Turin. This comfortable hotel is in Corso Regina Margherita, Turin's main road that connects the city centre with its surrounding districts and main motorways. We invite you to take advantage of the hotel's convenient indoor and outdoor car parks.

At Mercure Torino Royal you will enjoy tastefully furnished, soundproofed rooms equipped with modern comforts. You can use your laptop and enjoy free Wi-Fi access in every room.

Mercure Torino Royal offers a relaxing garden bar and a fully equipped conference centre with various meeting rooms.



HOTEL MERCURE TORINO ROYAL

Corso Regina Margherita 249, 10144 Turin ph.: (+39)011/4376777 fax: (+39)011/4376393 mail: info@hotelroyaltorino.it

### OVERALL VIEW AND MEETING ROOMS PLAN



IGU WOC3 Study Group Meeting Hotel Mercure Torino Royal

### DISTANCES FROM THE HOTEL

### Airport

• Turin Airport (TRN) 12 km

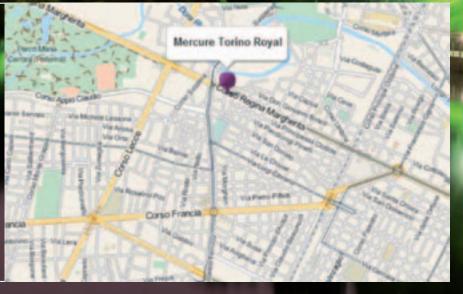
### **Railway stations**

- Porta Nuova Railway Station 3,8 km
- Porta Susa Railway Station 2,2 km

### Special tourist area

- Parco della Pellerina (0.50 km / 0.31 mi)
- Parco e Castello del Valentino (7.00 km / 4.35 mi)
- Porta Palatina (2.00 km / 1.24 mi)
   Historic monuments
- Basilica di Superga (10.00 km / 6.21 mi)
- Cappella Sacra Sindone (2.00 km / 1.24 mi)

- Castello Reale (2.00 km / 1.24 mi)
- Duomo di S. G. Battista (2.00 km / 1.24 mi)
- Piazza Castello (2.00 km / 1.24 mi)
- Piazza del Duomo (2.00 km / 1.24 mi)
- Porta Palazzo (2.00 km / 1.24 mi)
- Reggia di Venaria (7.00 km / 4.35 mi)
   Museums
- Del Cinema (4.00 km / 2.49 mi)
- Del Lingotto (10.00 km / 6.21 mi)
- Museo Egizio (3.00 km / 1.86 mi)
- Palazzo Madama (2.00 km / 1.24 mi)
   Opera/symphony/concert hall
- Teatro Regio (3.00 km / 1.86 mi)



### Turin Airport

Turin airport can be easily reached since it's located

at the centre of an important network of communication lines. The airport is linked with the city centre via a bus and a public train service. A highway connects it with the ring road and the motorway network directly leading to all major regional cities, the North of Italy and the South of France.

Passengers arriving at Caselle can reach the mountains of Piedmont and its skiing resorts in less than two hours by car, thus gaining access to all tourist, wine and food attractions offered by this extraordinary Italian region.

IGU WOC3 Study Group Meeting Turin Airport

### BY CAR

The airport is 16 kilometres from Turin's city centre, which approximately equals to a 30-minute drive.

### BY TRAIN

For the convenience of airport travellers, a railway station has been built in the immediate vicinity of the terminal. The railway service is operated by GTT.

### BY BUS

The SADEM and the TERRAVISION bus services link the airport with the city centre.

### **BY BUS CHARTER**

The bus service between the airport and the Olympic Mountains of Val Susa and Chisone includes optional stops at Oulx, Sauze d'Oulx, Bardonecchia, CesanaTorinese, Sestriere and Pragelato.

### BY TAXI

The taxi rank can be found to the left of the Arrival lounge exit. The journey to Turin's town centre takes around 30 minutes.

### CAR RENTAL

All major car rental companies are present at the airport ready to offer their best services to terminal customers.

### **BAGGAGE - LOST AND FOUND**

Should your luggage be either lost or damaged, please refer to the Lost and Found office managed by the company chosen by your airline. Each company can be identified through the following list.

Airside offices are located on the Arrival level next to the baggage-claim area. For delivery, handlers' offices are located at the Arrival Lounge (public area) next to the Unicredit Bank.

### SAGAT Handling

Information: Opening time: 8-24 Delivery: 9-12/14.00-21 ph.: +39 011.5676200 fax: +39 011.5676769 e-mail: lost.found@sagat.trn.it

LOST BAGGAGE +39 011.5676200 or lost.found@sagat.trn.it

Air Europa, Air Italy, Air Malta, Air Nostrum, Air One, Air Vallèe, Albanian Airlines, Alitalia, Atlant Soyuz Airlines, Austrian Airlines, Belle Air, Blue Air, Blu-Express, Blu Panorama, Britannia Nordic, British Airways, British Airways Cityexpress, Carpatair, Club Air, Darwin Airline, EasyJet, Eurofly, First Choice Airways, Flyonair.it, Iberia, Iberworld, Lot-Polish Airlines, Luxair, Malmo Aviation, MyAir, Monarch, Meridiana, Monarch Airlines, Ryanair, Tarom, Thomas Cook Airlines, Thomsonfly, Transaero Airlines, Turkish Airlines, Volotea, Yakutia Airlines.

### Aviapartner

Information: Opening time: 8-24 Delivery: 17-20 ph. +39 011.5676785 fax: +39 011.5676753

### LOST BAGGAGE

For information on your missing baggage dial +39 011.5676785.

Aer Lingus, Air Dolomiti, Air France, Air Luxor, Bmi Baby, Brussels Airlines, Finnair, Flybe-British European, Itali Airlines, Karthago, Lufthansa, Royal Air Maroc, Sun d'Or, Tap, Tunis Air, Transavia. The Royal Palace and the Madama Palace; the Egyptian Museum, the Mole Antonelliana and its Museum of Cinema; the historic centre with its baroque architecture, chocolate shops and elegant shop windows:

### this is Turin, an unforgettable experience!

### HOW TO MOVE BY BUS OR BY TRAM

Turin has a widespread network of buses and trams, which allow visitors to reach every corner of the city without worrying about the Restricted Traffic Areas or car parks. Almost every line begins its journey at 5:00 a.m. and ends it at 12:00 p.m. Tickets can be bought at newsstands, tobacconists, and some public shops.

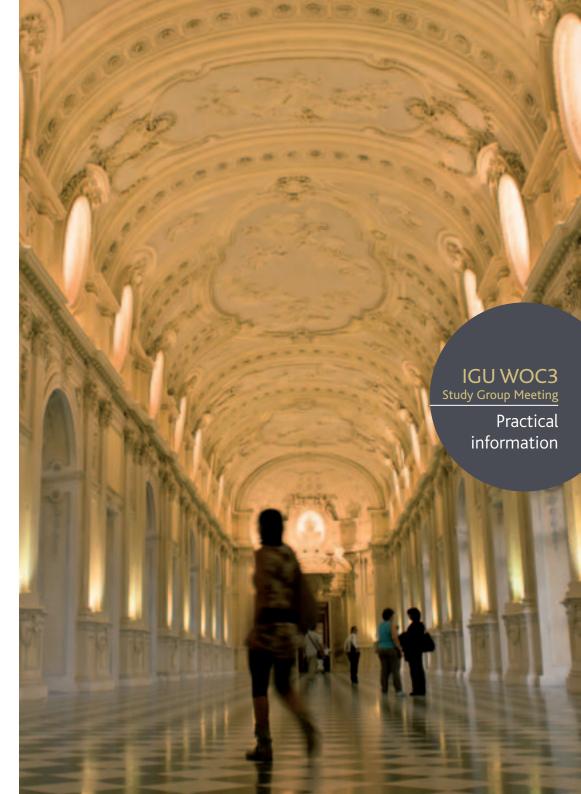
The ticket price can vary from trip to trip, depending on whether it is local or suburban, on the length of the trip (a ticket lasts 70 minutes, but there are also one-day options), and on how many tickets are bought together (a discount for instance will be applied if you buy a book of 15 tickets).

As you can see, there is a wide range of possibilities and offers can vary depending on the ticket. Useful up-to-date information on prices is available in the chart below. The Turin public transport company is the GTT (Gruppo Torinese Trasporti); on its website (www.comune.torino.it) you will find plenty of information on local and suburban routes both by bus and tram. The site also allows you to download timetables and maps for buses and trams which can be very useful for visitors opting for public transport.

### HOW TO MOVE BY TOURIST TRANSPORT

### City Sightseeing Torino

An ideal bus service aimed at tourists who wish to visit the landmarks of the city centre as well as go shopping without having to worry about finding a car park or getting lost. City Sightseeing Torino can be the true backbone of your stay in Turin. This service allows you to discover the many faces of the city, to plan your visit according to your interests: culture, shopping, art, and nature. Hop on and off whenever and wherever you





like with the same ticket. There is a bus scheduled to stop by every hour. The service runs everyday from March. Visitors may choose from 2 available routes: the classic Torino City Centre, featuring the fascinating National Museum of Cinema, the Egyptian Museum, the Royal Residences and the hills overlooking the Po river as well as the Valentino Park. The second line, **Unexpected Torino**, is the fastest way to reach unexplored sites and discover the new face of the city: Officine Grandi Riparazioni – the centre which hosted the celebrations of the 150<sup>th</sup> anniversary of the Italian Unification -, the restored National Automobile Museum, the former industrial plant Lingotto, Eataly and the Olympic venues. Tickets are sold on board or at affiliated hotels. For further information on the service please contact Turismo Torino and Provinces (call centre +39.011.535.181 from Monday to Sunday 9.00 a.m. - 6.00 p.m.) or via e-mail info.torino@turismotorino.org (www.turismotorino.org) With the Torino+Piemonte Card (www.visitatorino.com) you will be entitled to a 10% discount and the ticket may be used for a consecutive period of 48 hours. Plus, every child under the age of 12 travels free when accompanied by a cardholder.

### Shipping on the river Po

A perfect idea for a romantic trip on the River Po and for those who wish to admire the city from an unusual point of view; the service is run by the Gruppo Torinese Trasporti and its two motor ships "Valentino II" and "Valentina II" are equipped with an air-conditioning system, toilet facilities and a bar. Tourists may choose from three different routes: **Route A) Murazzi - Borgo Medioevale (Round trip) Route B) Borgo Medioevale - Italia '61 (Round trip) Route C) Murazzi - Italia '61 (Round trip)** A map of the routes can be viewed at the following address: www.comune.torino.it/gtt/turismo/img/tracciato.jpg Embarkation points are currently available at the Murazzi del Po, the Borgo Medievale and Italia '61. The service features mobility access.

For exhaustive information on rates and schedules please log on to: www.comune.torino.it

### The Mole lift

Situated inside the Mole Antonelliana, Turin's iconic monument and currently home to the National Museum of Cinema, the panoramic lift, with walls made out of transparent crystal, makes an 85-metre long ride up to the lantern; from this point it is possible to admire a spectacular view of the city. The Mole lift and the visit to the National Museum of Cinema should be fundamental stops for the tourist passing through Turin: information on prices and opening times are available on www.comune.torino.it/gtt/en/touristfacilities. The panoramic lift is accessible to the disabled clientele and it is free of charge for Torino Card holders.

### Sassi-Superga rack tramway

Originally inaugurated on the 26<sup>th</sup> of April 1884 as a funicular railroad, in 1934 it was converted into a rack system with a central rail offering one-day trips to tourists on board original period carriages.

The Sassi-Superga railway is an historical mean of transport which connects the Sassi railway station at Piazza Modena with the Superga railway station. The journey is 3,100 metres long and rises 425 metres.

Once at the Superga railway station, it is possible to reach the Basilica of Superga via an uphill pedestrian route of a few metres.

From the square opposite the Basilica it is possible to enjoy a beautiful view of the city of Turin.

Railway tickets can be bought at the Sassi station home to the tramway historical museum, which is open to visitors. Information on prices and timetables is available at www.comune.torino.it/gtt/en/touristfacilities.



The Sassi - Superga rack railway is free for cardholders of the Torino Card and features mobility access thanks to the assistance of two helpers. Bookings are mandatory and can been made at the following numbers: 011.576.47.33 -011.576.47.50.

#### The gourmet tram Ristocolor and the motor ship Valentina II

Ristocolor is a completely restored restaurant-tram; both its interior and exterior decor have been modified in order to guide the visitor through a journey across the city centre. While comfortably seated, passengers are given the opportunity to taste gourmet snacks belonging to Piedmont's tradition accompanied by famous and renown wines. The tram is equipped with a kitchen, a stereo system and toilet facilities also accessible to the disabled; the tram can carry a maximum of 32 persons in an elegant and comfortable environment. Valentina II is the new GTT ship sailing the River Po while hosting onboard samplings of local produce and fine wines accompanied by live entertainment, be it music or something else. For more information on the gourmet tram and Valentina II, rates and times please log on to www.comune.torino.it/gtt/en/touristfacilities.

### How to move by taxi

For those who wish to avoid the Restricted Traffic Area (ZTL) and the car parks there is always a taxi service. Despite it being one of the most expensive in Europe, it still stands as a useful mean of transport especially when having to reach the city centre from the railway stations or from the airport. Taxi stands can be found everywhere in town or you can book your trip by calling the following numbers:

- Pronto Taxi: via Viotti, 1 ph: 011.5737
- Radio Taxi: via Santa Teresa, 3 ph: 011.5730

#### **TOPIC INTERNET WEBSITE**

Latest news on local transport (in italian only) www.comune.torino.it/gtt/avvisi/index.shtml

Timetable and map www.comune.torino.it/gtt/urbana/mappa/mapparete.pdf

Public holidays timetables and routes (in Italian only) www.comune.torino.it/gtt/urbana/mappa/rete\_festiva.shtml

Routes and timetables (in Italian only) www.comune.torino.it/gtt/urbana/percorari.shtml www.5t.torino.it/trasporto\_pubblico.php Local and suburban public transport rates www.comune.torino.it/gtt/urbana/docviaggio/index.shtml

Route calculator for buses and trams www.5t.torino.it/calcolo\_percorso\_form\_tp.php

Sale points and automatic ticket vending machines (in Italian only) www.comune.torino.it/gtt/urbana/rivenditori.shtml

Night Buster Net (in italian only) www.comune.torino.it/gtt/urbana/notturna/index.shtml

Turin Automatic Underground (in Italian only) www.comune.torino.it/gtt/urbana/metropolitana.shtml

### **Plenary Meeting**

Mr Benjamín Guzmán (Chairman of WOC3): Welcome speech, introduction and meeting objectives. Conference Centre, Royal-A.

### SG 3.1 & 3.3

Mr Peter Toth and Mr Alessandro Moretti: Study Group Meetings. Conference Center, Royal-B.

### SG 3.2

Mr Abderrahmane Taberkokt: Revision of purpose and scope; Review of Questionnaire Results; Definition of deliverables/SG Report; Milestone and Gantt Diagram. Conference Center, Theatre Odeon-B.

9:30 a.m.–5:00 p.m. Dress code: business attire

Location: Conference Centre, Mercure Torino Royal Hotel.

Every meeting room has a free service Coffee Station with refreshments and pastries. Lunch will be served from 1:00-2:30 p.m. at the Restaurant.



# IGU WOC3 Study Group Meeting

Social Programme (Companions)

Tuesday, 11<sup>th</sup> March 2014

Please remember to wear your name badge during all the meetings and events VISIT TO THE CITY Dress code: casual (weather 7-18°C)

### 8:45 a.m.

Meeting with an English-speaking guide at the hotel and departure by private bus for a **panoramic tour of the city of Turin**.

### 9:00 a.m.

First Stop at The Italgas Historical Archive and Museum.

Over 1,000 metres of documents; 6,000 books, pamphlets and magazines; 35,000 prints, photographs and posters; a vintage collection featuring 350 pieces of equipment and instruments. These are the "numbers" of the Italgas Historical Archive and Museum of Italgas. This unique museum in Italy, with its new headquarters in Turin, (Corso Palermo 3), was inaugurated on the 15<sup>th</sup> of May 2009. The recovery and preservation of all historical memory is an essential asset in the industry of culture. The importance of research and the access granted to both the public and the scholars studying the subject stand as evidence of the corporate life of a company, but also of a technological revolution that has helped to change the face of the Country. All this emerges from the Italgas Historical Archive and Museum, which has already been recognized by the Italian Historical Superintendence as an "Archive of Historical Interest".

### 10:15 a.m.

Short stop at the Valentino Park, by the left

bank of the River Po at the foot of the hills. A wine tasting (two glasses) experience has been organised at the "**Medieval Village**", a striking complex built for the 1884 Turin International Exhibition mainly on designs by the eclectic Alfredo d'Andrade.

### 1:00 p.m.

Arrive to **Eataly**, the high-end Italian food market comprising a variety of restaurants, food and beverage stations, bakery, and retail items. Time at disposal for shopping and lunch, using your "pre-paid voucher" (35,00 euro per person).

### 2:45 p.m.

Guided tour of the "**Pinacoteca Giovanni and Marella Agnelli**", a fascinating space on the roof of the **Lingotto Building**, Fiat's historic industrial plant, which houses the private art collection, which once belonged to Giovanni and Marella Agnelli. Opened in 2002 the Pinacoteca marks the final step in the twenty-year-long restoration process of the whole Lingotto site, signed by Renzo Piano. You can admire 25 masterpieces, 23 paintings and 2 sculptures dating from the 18th and the 20th century: Matisse, Canaletto, Bellotto as well as Canova, Tiepolo, Renoir, Manet, Modigliani, Picasso.

### 4:20 p.m.

The day continues with a guided tour of the **National Museum of Cinema**, (entrance booked at 5:20 p.m.) inside the Mole, the historic building which is the symbol of the City of Turin. The collections of the National Museum of Cinema spread over 3,200 squared metres and five stories. The arrangement of the Maria Adriana Prolo Collection is particularly spectacular: magic lanterns, "peep boxes", photographs, drawings, sketches and a multitude of strange and curious objects. Inside the museum there is also a **panoramic elevator** with transparent glass walls, capable of rising up to 75 meters in only 59 seconds, inside the cupola of the building, an open space without floors. The lift stops at the "small temple" which gives a 360 degrees panoramic view of the city (we can't book the elevator, for this reason we kindly ask you to arrive at the Mole Antonelliana around 4:20 p.m.)

### 5:00 p.m

Return by bus to the hotel and end of activities.

Social Programme **Tuesday,** 11<sup>th</sup> March 2014

Cocktail and Dinner for Attendees and companions 8:00 p.m. – 11:00 p.m.

The cocktail and dinner will take place at the restaurant LA BARRIQUE

Participants are kindly asked to meet in the hotel lobby at 7:30 p.m.

Return to the Hotel is estimated around 11:00 p.m. Dress code: business attire. The IGU WOC3 Plenary Meeting will be held at the Conference Centre of the Hotel Capo dei Greci, Sala Grecale.

Coffee break will be at 11:00 a.m. (30 minutes). Lunch will be served from 1:00-2:30 p.m. at the Bouganville Restaurant (see agenda tab for meeting topics).

A group photo will be taken before the Buffet Lunch at the Anfiteatro.



# IGU WOC3 Plenary Meeting

Social Programme (Companions)

Wednesday, 12<sup>th</sup> March 2014

SIGHTSEEING TOUR OF TURIN

Dress code: casual (weather 7-18°C)

### 09:20 a.m.

Meeting with an **English speaking guide** at the hotel and departure by bus for a one-day trip around town.

### 10:00 a.m.

Arrival at Sassi to catch the historical **Sassi-Superga rack railway**, which dates back to 1884 (bookings are not available yet). Visit to the **Basilica of Superga**, built from 1717 to 1731 for Victor Amadeus II of Savoy and designed by Filippo Juvarra. Entrance to the **Royal Crypt**, resting place of the Savoy family. The tour continues by bus, along the panoramic route, to Turin. The tour continues with the discovery of **Turin's city centre**, with special attention

to its baroque architecture.

**1:00 - 3:00 p.m.** Lunch at a restaurant.

### 3:30 p.m.

Guided tour of the **Royal Palace**, the magnificent residence of the Savoy Family, and of the **church of San Lorenzo**, situated in the same square. Construction began in 1634 in order to accomplish the vow made by Emanuele Filiberto on the eve of the San Quintino battle when he was facing the French (August 10th, 1557). It was with the intervention of Teathine monk Guarino Guarini, who arrived in Turin in 1666, that the church was consecrated in 1680.

Social Cocktail and Dinner for Delegates and Companions will take place at: Dolce Stil Novo alla Reggia - Reggia di Venaria Reale

8:00 p.m. – 12:00 p.m. Dress code: business attire.

Participants are kindly requested to meet in the lobby at 7:15 p.m.

Return to the Hotel is estimated at 12:00 p.m.

Social Programme Wednesday, 12<sup>th</sup> March 2014

Please remember to wear your name badge during all the meetings and events



The dispatching Centre – which celebrated its 50th anniversary last year – is part of a strategic infrastructure, which manages gas flows across the domestic transmission network. The 32,000 km-long gas pipelines and the 11 compressor stations which make up the Italian gas system are monitored or remote controlled 24 hours a day, 365 days a year from the operation room.

A large video-wall of about 50 square meters provides operators with an overall view of the domestic gas transmission network with the main points of interest and the related process information.

The new technological infrastructure is the outcome of significant works, which included the transition to digital technology of more than 12,000 km of the remote-measuring network, the integrated use of satellite technology, the creation of a new control room and the replacement of the data processing system, which represents the very core of the dispatching Centre. IGU WOC3 Study Group Meeting

Logistic and activities

# IGU WOC3 Study Group Meeting

Technical visit at Snam Rete Gas Dispatching Centre, San Donato Milanese Thursday, 12<sup>th</sup> March 2014 Coordinating this transportation infrastructure through a single, national control Centre enables Snam to optimise management of gas flows throughout Italy, thus guaranteeing a secure, reliable and efficient infrastructure dependent upon actual gas demand, which can undergo significant fluctuations during the day and is characterized by a specific seasonal variability.

The first dispatching Centre was created in 1962, when the Snam transmission network was about 5,000 km long. Between the '80s and 2000, with the further development of the Italian gas network, it expanded with the construction of a large building designed to withstand high intensity, external stress and to house and optimize all technological services for the remote control of the transmission system.

The new dispatching Centre, which has been provided with the latest technologies, represents a technological benchmark for the whole of Europe, working towards Snam's growth targets with an aim to better integrating the European gas networks and managing gas flows throughout Italy. 8:00 a.m. – 2:00 p.m. Dress code: business casual

Who have signed up for the Technical visit at Snam Rete Gas Dispatching Centre in San Donato Milanese is kindly requested to meet in the lobby at 7:50 a.m. A Business Lunch will be served at 12:30 p.m. The return bus will make a stop at Turin International Airport for those who leave on March 13<sup>th</sup>.

(Expected arrival time at the airport 3:50 p.m.)

### Technical visit Thursday, 13<sup>th</sup> March 2014

### **TECHNICAL DATA**

- · Remote-monitored systems: about 3,000, including 11 compressor stations
- Remote-controlled systems: about 1,500
- More than 130,000 parameters managed in real time
- Average remote-actions per day: 150
- Field devices network remote control: about 1,500 RTU (remote terminal units)
- Duration of test: 10 months
- Duration of commissioning: about 11 months
- New servers: 60
- Surface area covered by the video-wall: about 50 square meters



### Turin

10.5

Turin, the first capital of Italy, is a town rich in history and culture, capable of offering tourists more than 40 cultural sites open to the public including castles, royal residences, parks and museums. Do not miss: the Egyptian Museum and the National Museum of Cinema.

Visiting the historic centre of Turin you'll discover beautiful squares, baroque palaces and shopping opportunities; the town is famous for its 18 km of arcades, built in the 18th century, and under which you can find everything you need, from antiques to fashion as well as the town's historical "cafés".

## IGU WOC3 Study Group Meeting

Guests information

### TERRITORY

Turin and its province will surely charm you with...

the harmony of unspoilt mountain landscapes surrounding exceptional towns, aristocratic Royal Residences, futuristic architecture alongside breathtaking natural landscapes, ancient flavours and international events. Quiet paths leading to castles and fortresses create a unique atmosphere where history can be relived in the shadow of the gentle hills and the green of natural parks. To those who opt for carefree holidays or weekend trips, Turin's province offers an impressively varied and fascinating range of art and environmental treasures ranging from ancient hamlets to eco-museums, archaeological sites, the Waldensian places of worship, and grand religious architecture.

### **GASTRONOMIC TRADITIONS**

Turin and Piedmont offer prestigious still and famous sparkling wines. Gourmet foods and beverages are two traditional and highly respected activities in this region, so making a brief summary of them will be difficult indeed. We shall nevertheless try, and doing so quote the many publications on the subject, conscious that by undertaking an enterprise of this kind we shall be accused of many omissions and inaccuracies.

At the table Gianduja's offspring is generally temperate by nature but a lover of good food and drinking: a gourmet, not a gourmand. This is why Piedmontese gastronomy differs from the French, despite the similitude some are wont to find due to our geographical vicinity. The French in fact are fond of complicated and refined food that satisfies the eye before the palate, while a Piedmontese's tastes are simple, so the cuisine is sincere, tasty and strong.

Most of Piedmontese cuisine's fame comes from the quality and genuineness of local produce, thanks to the region's many-faceted geographical configuration, which includes plains, lakes, hills and mountains.

A typical part of Piedmontese cuisine are the hors d'oeuvres, the generous use of butter, the consumption of crude vegetables, sanato (a few months old Piedmontese calf fed only on milk) and the generous sprinklings of truffles.

All eating tastes and needs can be fully satisfied around a Piedmontese table with typical regional produce. From vermouth-aperitifs to the many hors d'oeuvres and the rich and tasty first and second courses accompanied by the famed Torinesi breadsticks (the petits bâtons de Turin Napoleon was so fond of), by tasty cheeses (8 of which of controlled origin), followed by delicious fruit and various and imaginative pastry sweets, from hazelnut tarts to Gianduja chocolate, egg-flips, from the (galup or gluttonous type) panettone basso to hazelnut torrone nougat, all washed down with excellent red and white still wines (44 quality wines and D.O.C.C.) and sweet and dry sparkling wines, the region is famed for. At meal end, a selection of after dinner drinks including various bitter or cinchona flavoured wines, herbal elixirs, Genepì and the famous grappa liquor (branda in dialect).

#### Hors d'oeuvres

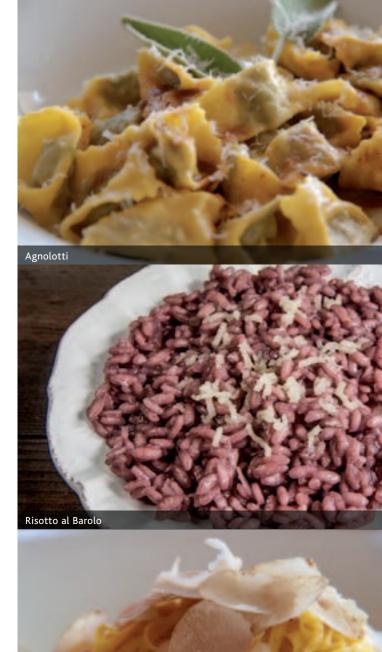
Whether warm or cold, they often are real and proper entrees with meat, salami, stuffed vegetables, vegetable-filled omelettes, vegetable and meat salads. A typical dish is insalata di carne cruda all'albese, a Piedmontese beef filet sliced thin and served with an oil and lemon dressing.

### First courses

A brief mention of first courses: home-made agnolotti, with a filling of beef, pork, ham, eggs, breadstick crumbs completed with other ingredients and a sprinkling of grated nutmeg. They can be served garnished with sliced truffle or butter and sage, minced meat and tomato sauce, or meat sauce and plenty of grated Parmesan cheese.

Other typical entrees are egg tagliatelle or tagliolini (tajarin) served with eggs basted in butter and truffles and risotto rice dishes served in various ways, potato dumplings known as gnocchi alla bava, lasagne all'albese.

Minestroni vegetable soups with pasta and beans, rice soups with milk and dry chestnuts, rice and beans with the addition of a small salami, which led to the creation of the panissa at Vercelli and Novara and the tofeja in the Canavese area. A dish that stands out is the bagna caôda. Its base is garlic, oil, anchovies and various other ingredients. It must be tasted with a convivial rite around small earthenware pots kindled by individual fires so that the bagna caôda (hot gravy or sauce) may keep up its proper temperature in order for the various crude and fresh vegetables to be dipped into it.



Tagliolini al tartufo

# IGU WOC3

Study Group Meeting

Guests information

### Second courses

Brasato al Barolo (beef braised in Barolo wine) and bollito misto (mixed boiled meats) owe their fame to the renowned beef of Piedmont and are served with various sauces and condiments. Finanziera is a mixed dish consisting of various meat varieties, pore mushrooms and green peas cooked in Barbaresco wine laced with cinnamon (the name seems to derive from Turin's stock exchange operators and financiers who favoured it.)

The main ingredients of Fritto misto alla Piemontese are small veal escallops, lamb chops, liver, batsoà (from the French Bas de soie - pig's trotters already boiled in water and vinegar) brain, chicken, sausages, fruit and sweets.

Other specialities from Turin and Piedmont are: Peperoni farciti à la Piemontaise (peppers stuffed with boiled rice); snails with sausage, snails cooked in tomato sauce; stuffed veal with Barolo wine; polenta conssa (corn mash) with fontina cheese and truffles; polenta carbonada with fontina cheese and meat sauce. Stuffed artichokes à la Turinaise, with veal and chicken meat, truffles and boiled ham.

Steak à la grissonopoli or à la Turinaise, cooked with grissini Rubatà breadsticks crumbled but not grated so that they may keep the typical tasty and crisp effect of the breadstick .... and then the Piedmontese pizza garnished with little cubes of red and yellow peppers.

### White truffles

The white truffle or trifola (tuber magnatum Pico) is the taste of Piedmontese gastronomy par excellence and deserves a special section. This valuable tuber (particularly the variety from the Alba and Asti areas) was described as a poetic mystery of the gastronomic world. Its greatest virtue lies in its penetrating, subtle and acute fragrance; it is even said to have aphrodisiac powers.

In Piedmont, white truffles enhance and ennoble many typical

dishes. They are consumed crude, cut into very thin slices on a host of different specialities: on risotto, fondue, agnolotti, and tagliolini, on venison, on salad and with bagna caôda.

### Salami

The most classical Piedmontese salami is I salam 'dla Duja, a seasoned sausage stored in an earthenware or glass container, the salame d'oca novarese and the spalot, a pig shoulder sausage from Biella.

### Cheeses

Our Piedmont has a great tradition in cheese production, a direct consequence of the region's excellent dairy farms. Worthy of mention are Gorgonzola, Robiola of Roccaverano and Murazzano or Toma delle Langhe, Castelmagno, Raschera, Bëttelmatt or Grasso d'Alpe, without overlooking the less noble but pleasant tasting cheeses such as the tomini, paglierine and seirass (skimmed milk cheese) produced all over our region.

### Wines

It's well known that Piedmont is famous for its wines. Piedmont is the only Italian region that has long since started a complex network for the knowledge and qualification of wines. There are as many as nine vintage wine stocks (often located in old castles) and a great number of wine shops; two important wine museums, the Martini & Rossi Museum at Pessione, Turin and the Bersano Museum at Nizza Monferrato. Our region contains some 75,000 hectares of vineyards producing 7,000,000 quintals of white and black grapes. From the Langhe and the Monferrato firstly but also from the Canavese and the Biella area, the hills of Ovada and Acqui, Chieri and Tortona, Mondovì and some pre-Alpine valleys, these are the names of the region's best Piedmont wines. A brief note on the most famous wines: internationally renowned Barolo, the King of Wines and the Wine of Kings, is

Bollito

Fritto misto



produced in eleven municipalities of the area of Barolo in the Cuneo province. By law, it must be aged 3 years, two of which in oak casks, and its lower alcohol content is 13°.

Barbaresco is produced in four municipalities of the area of Alba, Barbaresco, Neive and Treiso. By law, it must be aged 3 years, two of which in oak casks, and with a minimum alcohol content of 12.5°.

Barbera in its normal (11.5° alcohol), superior (12.5° alcohol) and sweet bubbly varieties is Piedmont's most popular wine. Grignolino, another known Piedmontese wine, appears to owe its name to the word grignola, a Monferrato dialect word for grape-stone, this variety is particularly rich in. Cortese, a dry white wine produced in Alessandria and Asti provinces, has a dry and cool taste; its some 11° alcohol content makes it an excellent wines for fish dishes.

### Sparkling wines

Many different dry (brut) and sweet sparkling wines are produced in Piedmont with the following processing systems: Classical Champenois Method. This is the oldest method which consists in very slow fermentation in the bottle and two to three years of ageing in the presence of yeasts (the classical methods for Bruts)

Charmat method. The difference is that the sparkling is obtained in large autoclaves instead of inside a bottle. The Charmat method is considered the most suitable for producing Asti Spumante D.O.C.

Asti, the most typical of sweet sparkling wines is considered the Italian toast king. It is produced with white amber coloured grapes, unlike Champagne which comes from black grapes. The story of this white wine, later made sparkling, dates back to the 16th Century; four centuries of sparkling processing, 130 years since the first time by Carlo Gancia at Canelli, over fifty years since the establishment of the protection consortium and at last the deserved D.O.C. award. The Canelli hills, in the Asti province, are still the heart of the Asti muscat grape production area.

Asti Spumante's secret lies in keeping the grape's original aroma intact and fragrant in a balance of intensity, where the sensation of sweet is attenuated with the proper freshness, both conditioned by low alcohol content and enhanced by the production of foam which animates and livens the wine. Over half of Italy's total production of sparkling wine comes from Piedmont and 80% is exported worldwide. Piedmont has Italy's largest wine industries, which include names such as Martini & Rossi, Cinzano, Gancia, Barbero, Riccadonna, Bosca and a host of others.



Baci di dama



### LANGUAGES

Italian is the official language of the whole region. The Piedmontese dialect, with its different local inflexions, is very widespread. Languages coming from Occitan, Walser and French-Provencal origin still survive.

### **DOCUMENTS AND EXCHANGE**

The identity card for EU citizens and the passport for others countries. The Euro is the current exchange.

### HOW TO GET

You can reach Turin by plane, landing at the Sandro Pertini International Airport (Turin), Strada San Maurizio, 12, 10072 Caselle Torinese - Torino. Trenitalia and Italo link Turin with the main towns of Italy with High Speed trains. The suburban bus services are efficient.

### SERVICES, INTERNATIONAL CALLS AND USEFUL NUMBERS

### Bank Timetable

Banks are open from 8.15 a.m. to 1.20 p.m. and from 2.45 p.m. to 4.00 p.m. every day except on Saturdays and the holydays.

### Shops Opening Hours

Shops are open from 9 a.m. to 1 p.m. and from 4 p.m. to 7.30 pm with small variations. In general all the shops are closed on Sunday, variations may occur in connection with different categories of shops. Some stores do not close during lunchtime.

### **Post Offices Opening Hours**

Post offices are open from 8.30 a.m. to 1.15 p.m. Saturdays and the last day of the month from 8.30 a.m. 11.20 a.m. Postal offices are closed on Sundays.

### Stamps

Letters and postcards to Italy:  $0,70 \in$ . Letters and postcards to foreign countries: from  $0,85 \in$ to  $2.50 \in$ . All charges indicated are for mail weighing less than 20g.

### WHAT TO BUY

The region's economy is also highly dependent on cattle breeding which ensures plenty of good varieties of cheese. One of the most important products of Piedmont is wine. More than half of its vineyards have been given the DOC designations. The region is known to be one of the best wine growing regions in Italy. It produces some of the most famous wines like Barberesco and Barolo, Moscato d'Asti, Asti Spumante etc. the wines in the region are made from grapes like Brachetto, Grignolino, Freisa, Dolcetto, Barbera and Nebbiolo.

### Wines and Cheeses

The most popular products in Piedmont are without a doubt wines and cheeses. The region has a long tradition in dairy farming. There are many good varieties of cheeses for which Piedmont is famous. Some of the cheese varieties that are available in the region have been produced since the Middle Ages. The most well known cheese from the region is the Gorgonzola cheese. In all, there are seven cheeses in the region which have been designated DOP. The Bettelmat cheese is cooked or semi-cooked and is produced only in the summer months. The Bra of Alpeggio DOP is a very fine cheese. It is produced from the milk of Piedmont cows, which are raised with great care. The Bra hard or tender DOP is a semi-fat cheese, which is made from cow's milk to which goat milk is then added. Another good cheese to purchase while in the region is Cachat, which is

made from goat's milk to which leek infusion or juniper distillate is added along with salt. The most important cheese of the region is the Castelmagno DOP, named after the town of the same name where it has been produced for centuries. The cheese has been famous all over Europe for centuries. It is made from vaccine milk to which goat and ovine milk are added. The taste of the cheese is guite peculiar because of the kind of grass on which the cattle breeds. Another very famous cheese of the region is Gorgonzola DOP. Visitors can purchase a pungent or a tender version of the cheese from the food stores. Piedmont is also famous for its wines, with its many vineyards that produce some of the most well known grapes in Italy. Many of the wines of the region have been popular in Italy for decades, some of which have been mentioned above.

### **OUTDOOR SHOPPING IN PIEDMONT**

There are few good outdoor markets and flea markets, which are held every month or annually in Piedmont. Though, not as famous as some of the other regions of Italy, the outdoor markets in Piedmont are still worth visiting since they offer plenty of good opportunities for visitors to find good local products at low prices.

In Casale Monferrato the market is held on the second Sunday of every month in Piazza Castello. In Asti it is on the fourth Sunday of each month. In the town of Mondovì, the market takes place in Piazzale Ellero on the fourth and the second Sunday of every month. Turin is the main city in the Piedmont region. The markets in Turin take place in piazza Borgo Dora on the second Sunday each month. This market mostly offers antiques and handicraft items along with several other knick-knacks. Every Saturday in Turin, in the same location there is a market where visitors can find plenty of second-hand items on sale.

IGU WOC3

Tourist

Tips

Study Group Meeting



### **SHOPPING IN TURIN**

Turin is not a place for purchasing fashion brands like Rome or Milan, but there are many good shopping opportunities in the city for visitors. Visitors can purchase many food items and wines in the city. The Via Roma is where the city has a few upscale brands like Dolce & Gabbana and Hermes and also some not so expensive brand stores like Zara and Benetton. There are also quite a lot of bookstores in this area.

Via Po is a good location to purchase records, clothes and accessories under the colonnades. In Via Pietro Micca there are many good upscale shops. There is also one of the three outlets of Frav, which sells trendy clothes and is very popular among the locals of the city. In Via Lagrange visitors can find a large shopping Centre and a department store. The neighbourhood of the Quadrilatero Romano is quite trendy. This is known to be the oldest part of the city and was once considered to be an unsafe area. However, now there are plenty of good designer shops like Marcopolo and many other good stores like Born in Berlin and Autospie Vestimentaire where visitors can purchase good clothes and accessories. This area also has plenty of good bars and cafes. One of the best places to visit in Turin is the Porta Palazzo, which is located in Piazza della Republica. This is the largest open-air market in Europe and should definitely not be missed by tourists. The market functions every day from six in the morning to 1 in the afternoon. In this market visitors can

find almost anything they can think of. Hundreds of vendors line the road and sell many products like clothes, jewellery, bags, shoes, books, handicrafts and even antiques.

Turin is also a great place for purchasing good food items like the famous Piedmont wines or one of the many good cheeses, which are produced in the region. Most food stores also have good quality extra virgin olive oil.

### Tips

A tip is always appreciated but not mandatory. The amount depends on the service performed.

#### **INTERNATIONAL PHONE CALLS**

You can phone overseas from any private or public phone by dialling the country code preceded by 00 (e.g. to call Munich, in Germany, you must dial 00 followed by 49 - international code - by 89 - city code - and the subscribers number). You can make reverse charge calls or credit card calls by calling the operator in your own country by dialling a special number (for information call 176 information service every day from 8am to 11pm). Italian public phones take coins of 10, 20 and 50 cent of  $\in$ , telephone cards costing 1-2,50-5-7,50  $\in$ 

### **EMERGENCY NUMBERS**

Medica Emergencies 118, Carabinieri 112, Police 113, Fire Department 115, Road Assistance 116, Corps of Forest 1515.

CONTACT NUMBERS TO ASSIST		
Name	Role	Cell
Alessandro Moretti	Snam Rete Gas - Operation Dpt/IGU Rapresentative	+39 3466415604
Antonio Losito	Snam Rete Gas - Public Affairs & Communication Dpt	+39 3477707150

IGU WOC3 Study Group Meeting Tourist information

### Museo Nazionale del Cinema

Italian film was born in Turin and this is where the country's exciting film museum is located. You will find it inside the Mole Antonelliana, in a tall brick building with a magnificent view.

Address	Via Montebello 20, Turin
Phone	+39 011 8138 560
Web	www.museonazionaledelcinema.org

### Basilica di Superga

This is an 18th century church hosting the graves of the Savoy family. On site there is a football museum in memory of an airplane that crashed with the players of AC Turin on board. The view of the city from here is amazing. To get here you can choose between a bus, rack railway or long-distance footpath.

Address	Strada della Basilica di Superga 73,
	Turin
Phone	+39 011 8997 456
Web	www.basilicadisuperga.com

### Palazzo Reale

Palazzo Reale is a royal palace (1646-1861) with magnificent objects from the Baroque and Rococo eras. Right next to the palace there is a beautiful and peaceful garden.

Address Phone Web Piazzetta Reale 10122, Turin +39 011 4361 455 www.ambienteto.arti.beniculturali.it

### Parco del Valentino

Parco del Valentino is a famous public park that covers an area of 421,000 m<sup>2</sup>, by the banks of the River Po. Colourful flowerbeds and a small stream with wooden bridge crossings create a peaceful haven in the midst of a bustling city.

Address	Corso Massimo D'Azeglio, Turin
Opening hours	Open every day all year around

### Street Markets Porta Palazzo and Balon

If you like a bargain you will get the opportunity to stock up on vegetables, fruit and groceries at the street markets of Porta Palazzo and Balon. These markets are feasts for all your senses!

Address Piazza della Repubblica, Turin

### The cuisine of Piedmont

#### EATALY

The cuisine of Piedmont has more flavour than the French cuisine. Beef, white truffles, cheese of all shapes, chestnut honey, chocolate, beetroot mustard and hazelnuts are a few of the specialties. The inevitable bread sticks grissini were baked for a king with a bad stomach.

Excellent red wines in the form of Barolo, Barbaresco, Barbera and Dolcetto are produced in the region, especially in the Langhe district. Recommended trips are to the south to Alba, Barolo and Bra where the Slow Food headquarters are located. Aperitifs like Vermouth, Carpano and martinis were invented in Piedmont - which is also a small place.

There is much to discover food-wise when exploring the green hill landscapes.

### Juventus Stadium and Museum

This is a must see for all football fans. You can choose between a visit to the stadium or the museum, or why not both? Tickets can be purchased at the Juventus Ticket Office.

Address	Strada Comunale
	di Altessano, 131, Turin
Phone	+39 02 6006 0900
Opening hours	Make sure to check the opening
	hours before visiting since
	the Opening hours vary during
	match days
Web	www.juventus.com
More Info	The Juventus Ticket Office closes
	one hour before the museum

### Egyptian Museum of Turin

Solely dedicated to Egyptian Art this museum is very much alike the one in Cairo. The collection is a result of many findings including the ones from the excavations in Egypt between 1900 and 1935.

V. Accademia delle Scienze, 6, Turin Address Phone +39 011 5617 776 Opening hours Open Tue-Sun 8.30 a.m. - 7.30 p.m. Web www.museoegizio.it More Info Last admission at 6.30pm



### Pietro Micca Museum

Go on a journey to the past when France besieged Turin for four months. You can visit the museum and the tunnel system, below street level, in which the war was fought.

Address Via Guicciardini 7a, Turin +39 011 546 317 Phone Opening hours Open Tue-Sun 10 a.m. - 6 p.m. Closed on Mondays Web www.museopietromicca.it More Info Last entry at 5 p.m.

### Piazza Vittorio Veneto

Magical Piazza Vittorio Veneto is a square in the middle of the city. Here, in the heart of Turin, you will find numerous cafés and places where you can have a drink or a meal.

Address Piazza Vittorio Veneto, Turin

### **Zoom Torino**

For an experience close to nature visit Zoom Torino. This zoo has different species like penguins, zebras, giraffes and many more. Enjoy a day of fun and learning while walking around this park. The water-park and pool, Bolder Beach, is an extension of the park. You can buy a combined ticket for both attractions.

Address	Strada Piscina, 36, Turin
Phone	+39 011 9070 419
Opening hours	Open every day
Web	www.zoomtorino.it

### **City Sightseeing Turin**

For an authentic experience of the city of Turin, the City Sightseeing bus will make you feel the culture of the city while taking you around town to see all the monuments. The classic tour goes through the city centre including the Egyptian Museum.



Address	Piazza Castello/Via Garibaldi, Turin
Phone	+39 011 535 181
Web	www.torino.city-sightseeing.it

### Sacra di San Michele

A trip to the Sacra di San Michele is a great half-day activity. This basilica is of high religious importance and derives its name from the archangel Michael. The interior is majestic and the surroundings are surely breathtaking. You can reach the Sacra di San Michele by train, bus, car or on foot.

Address	Via alla Sacra, 14, Turin
Phone	+39 011 939 130
Opening hours	Open 9.30 a.m 1.30 p.m. and
	2.30 p.m 5p.m. Closed Mondays
	except the months of July,
	August and September.
	Opening hours may vary depending
	on the season
Web	www.sacradisanmichele.com
More Info	The last entry is allowed 30 minutes
	before Sacra di San Michele closes

