To	SAI Subcommittee	Date	August 16, 2022
From	Sam Buckwalter Sam.Buckwalter@sae-itc.org tel: 1-443-454-0584	Reference	22-999/SMA-293 lth

Subject **Meeting Announcement**
Systems Architecture and Interfaces (SAI) Subcommittee

Chair **Rich Stillwell, United Airlines**

Host **Airbus**

When **October 18-19, 2022**

Tuesday and Wednesday, October 18 and 19, from 0900 to 1700

Where **Meeting Location**

Airbus R&T Campus
25 Rue Marius Terce, Toulouse France

Meeting Room

D42 Building Room W005 (Ground Floor) **See attachment 1 for more detail**

Security The following information needs to be sent to Christine Girard and Claude Pichavant in copy by **October 7, 2022**. See Attachment 1 slide 2.

Christine.girard@airbus.com and *claude.pichavant@airbus.com*

- Gender
- First Name
- Family Name
- Company
- Job Title
- Date of Birth
- Place of Birth (Town & Country)
- Nationality
- Email
- Mobile Number (Email and mobile phone are necessary to provide you with WI-FI access)

Hotels	There are many hotels near Toulouse City center to meet your budget and comfort needs. Airbus will be providing a shuttle from downtown Toulouse each morning and evening.
	Pickup location will be defined later depending on number of particapnts. The pickup location will be close to Place Wilson.
	For those driving please note there are limited visitor parking slots.
Instructions	Please notify the Industry Activities staff of your intention to attend by registering online at: *https://www.aviation-ia.com/events*.
	The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Sam Buckwalter. The agenda will be finalized one week prior to the meeting.
Meeting Objectives	### SAI Meeting in Toulouse

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare avionics system-level guidance for new airplanes and major retrofit programs. It will discuss NextGen and SESAR programs and the impact on Communication, Navigation, and Surveillance (CNS) equipment.

NextGen and SESAR Equipment and Architectures

The SAI Subcommittee will continue the effort in developing **ARINC Project Paper 660C:** *CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts*. This effort gives full consideration to NextGen and SESAR airspace initiatives. How these programs affect Communication, Navigation and Surveillance (CNS) equipment architectures will be discussed.

The goals stated in APIM 22-001 include:

1. Identify updates to FAA NextGen, European SESAR, and ICAO ASBU plans, and other sub-sections as needed. Discuss role that CNS/ATM systems, both air and ground, play in operational efficiency and long-term sustainability of aviation.
2. Provide updates to Satellite Navigation infrastructure deployment & standards development plans, Datalink Communication deployment plans, ADS-B In applications, SWIM, and others. Add new technologies, including IPS, LDACS, ACAS-X$_{A/O}$, Space-based ADS-B, and others.
3. Provide updates to the mandate summary and Retrofit Requirements for each of the Avionics Architectures. Add new sub-section for Avionics Architecture.
4. Identify additional ARINC Standards that may require revisions to support NextGen/SESAR airspace initiatives.

Radio Altimeter Developments for 5G

The SAI Subcommittee will continue its discussion of 5G terrestrial communication plans and potential impact to the radio altimeter. A status report will be provided.

APIMs	**Proposals to Initiate/Modify ARINC Standards**

The SAI Subcommittee will review several draft proposals that may lead to the development of new ARINC Standards. Proponents are invited to secure a place on the SAI agenda and present their APIM in person.

In preparation for the AEEC General Session to be held May of 2023. The SAI Subcommittee will discuss the following:

- Cabin Equipment Solutions
- Data Communications Standard
- Other APIM proposals

Travel Information	See attachment 1.

cc	AEEC Ex Comm, CSS, KSAT

Attachment 1

AEEC Mid term and SAI Meetings
Toulouse, 18-20 October 2022
Airbus facilities
Toulouse
D42 Building, room W005 (Gnd floor)

Claude Pichavant

AIRBUS

AEEC Mid Term and SAI Meetings
Toulouse, 18-20 October 2022

Registration form
Deadline for reply: October 7th

Please take a moment to provide us with all necessary information to organize your participation to the AEEC Mid term and SAI meetings
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Be kind to sent back this form to Christine.girard@airbus.com for registration purpose, copy claude.pichavant@airbus.com

PERSONAL INFORMATION

If you are not yet registered in the Airbus security system, please fill in the following table.
This is mandatory to ensure security clearance to AIRBUS sites.

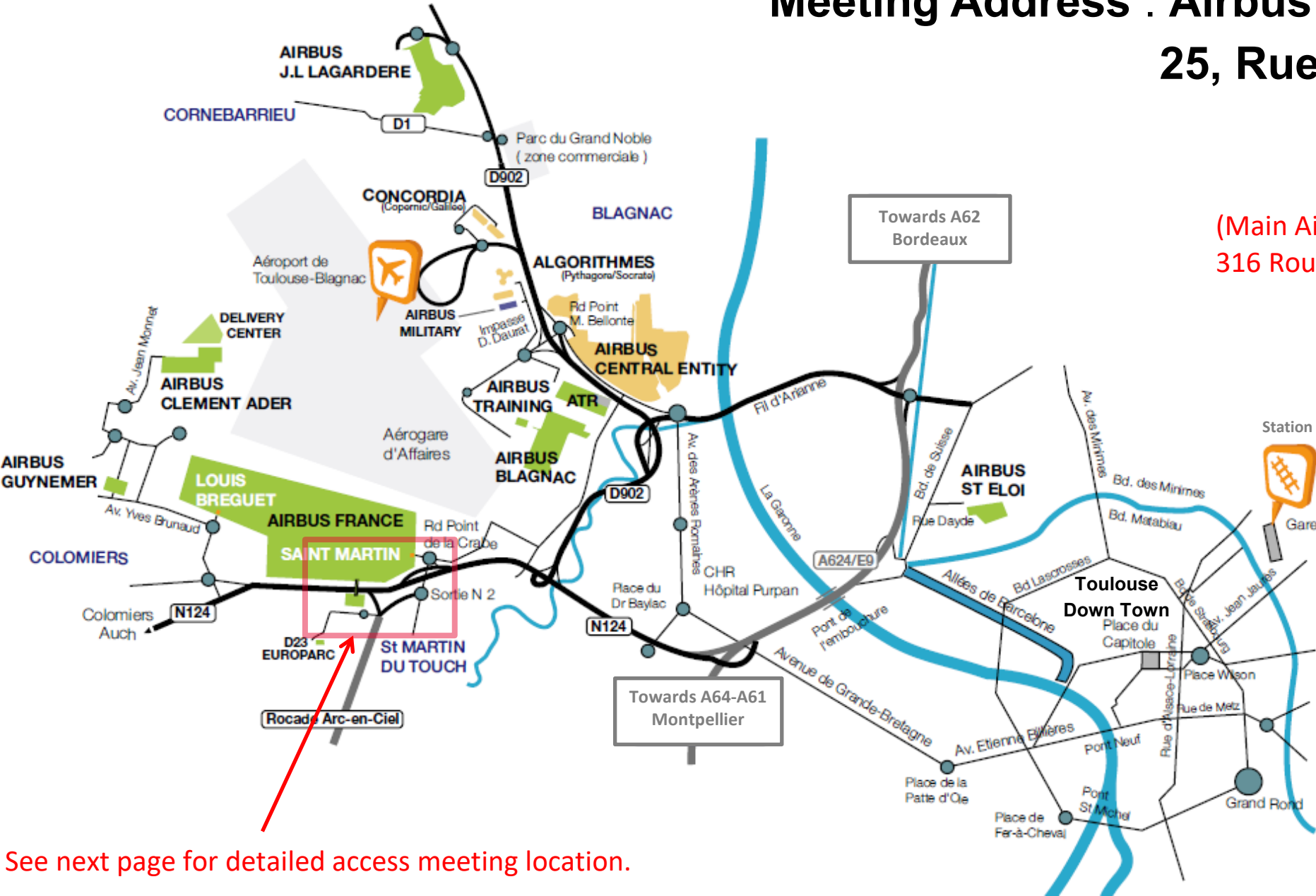|	
Gender (M/F)	
First Name	
Family Name	
Company	
Job title	
Date of Birth	
Place of Birth (Town & Country)	
Nationality	
Passport number	
Email	
Mobile phone	+

Check-in at Security -Gate House will be performed
at the address of the meeting room:

Airbus R&T Campus
Building D42, Meeting room W005 (Gnd floor)
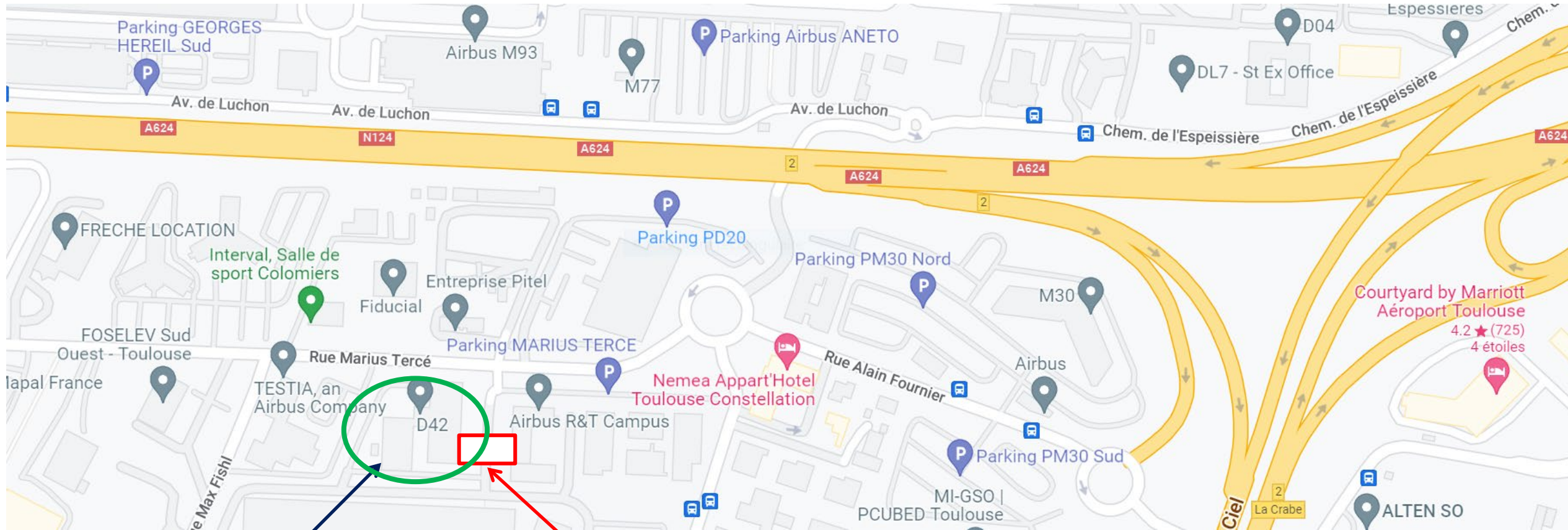*25 Rue Marius Tercé*
Toulouse

Note: Email and Mobile Phone number are necessary to provide you with Wi-Fi access.

AIRBUS

Meeting Address : Airbus R&T Campus
25, Rue Marius Tercé
Toulouse

(Main Airbus plant is located
316 Route de Bayonne, Toulouse)

See next page for detailed access meeting location.
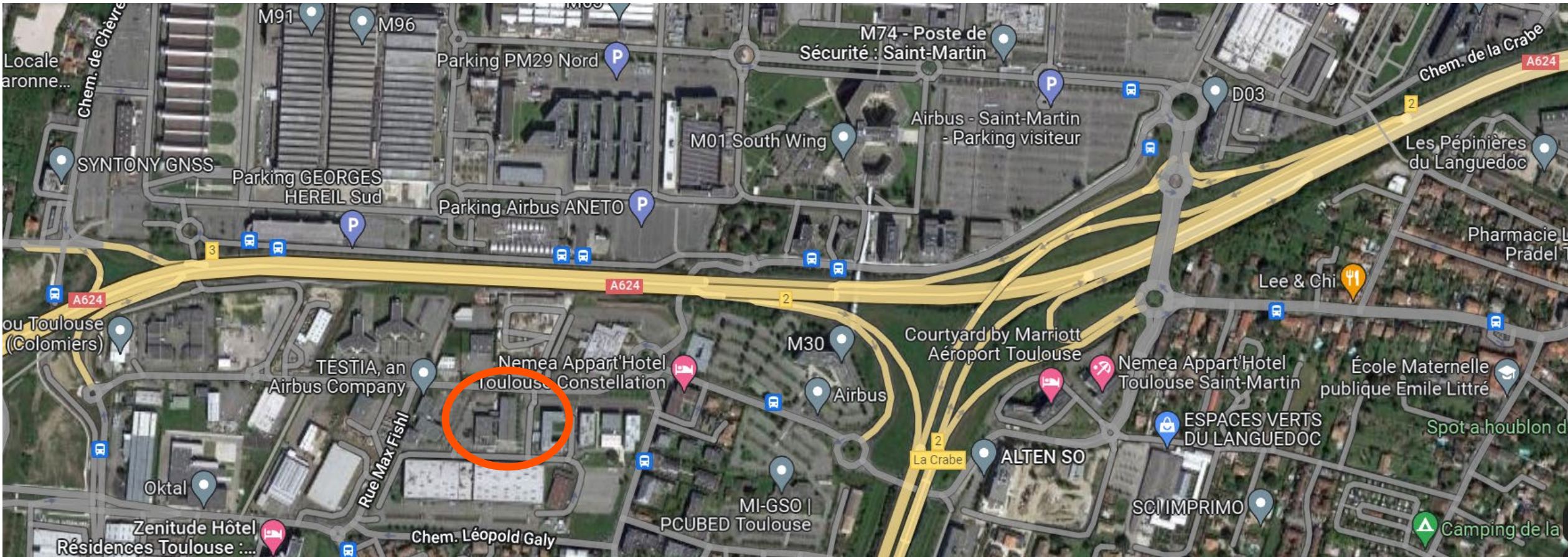
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**Check-in at
Security -Gate House**

**Building D42, Meeting room W005
(Gnd floor)
Airbus R&T Campus
25 Rue Marius Tercé
Toulouse**

**A shuttle will be available to connect with Toulouse downtown each morning and evening .
Pick up location will be defined later on, depending on number of participants (probably Wilson Place)**

Possibility to park cars outside the site (limited reserved visitors slots)

AIRBUS

Building D42, Meeting room W005
(Gnd floor)
25 Rue Marius Tercé
Toulouse

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