



Welcome to our International Standards Summit

We know people come to our events to collaborate, and because we are a neutral, not for profit company we have a strict non commercial policy within all of our programs. You will find the agenda for the event, meetings description, location venues, and some other useful information about the social aspects. All the documents from the event will be available to you using a facility called Sharefile. The link for this will be emailed to you.

Richard Petrie
chief executive buildingSMART International

Welcome to Paris The place to openBIM

As Chairman of buildingSMART France, I am very glad to welcome you to this Paris Technical Summit. BIM is growing worldwide. And this summit in PARIS is a strong signal for bSI, and for the recognition of our chapter. All the French members are joining me in wishing you a pleasant stay and fruitful achievements for the benefit of the whole openBIM community.

Pierre Mit
president buildingSMART France -
Mediaconstruct



All these details and more
besides are available on our
website events page



You can also keep in contact
with the other delegates using the
WhatsApp group



The Twitter tag
for this event is
#bsiparis2018

**Note
Change of Venue**

Monday 26th March, 2018

Cœur de Défense

Center of conference – Level –1
100-110 esplanade du Général de Gaulle
92400 Courbevoie



Station La Défense
Exit n° 5 « Calder Miro »
8 min walk



International openBIM day

Introductory plenary of the International Standards Summit

9:00 Morning reception time and snack

- **Welcome** R. Kelly, buildingSMART International
- **Welcome** Pierre Mit, buildingSMART France
- **buildingSMART International's Growth & Mission** R. Petrie, buildingSMART International
- **BIM Standards Mapping**
S. Soubra, French BIM's standardization roadmap
- **Keynote: The need for open digital standards** – Li Qian, China Communications Construction Company

Break

- **French actions complement bSI's activities**
 - bSDD strategy update – the integrating smart dictionary: Y. Cotharel, bSFrance / S. Wernik, bSGermany – DhochN Digital Engineering gmbH
 - BIM execution plan: JP. Trehen, bSFrance
 - Knowledgeable clients asking for openBIM: Susan Keenlside bSCanada / House of Commons Canada – Real Property Directorate
 - Training and Professional Certifications M. Baldwin, bSI – Mensch und Maschine / E. Natchitz, bSFrance
- **buildingSMART Technical Strategy**
G. Schleusner, bSI- bSUSA – HOK
- **Interoperability and compliance**
R. Steinmann, bSGermany – iabi / J. Ouellette, bSI – Vectorworks

13:00 Lunch at the historical Textile's room

14:00 ● Operational BIM approaches

- Bouygues Construction: C. Moreau – Egis: C. Castaing
- Saint-Gobain: L. Ortas and S. Patrix – VINCI: MC. Coin.
- **Status of openBIM in France:**
B. Delcambre (French digital plan for buildings – PTNB) and P. Benning (National program MINnD)

Break

- **The data dictionary (bSDD): objectives, evolutions and issues**
 - Overview: F. Grand, bSFrance / S. Pettersen, bSI
 - Public Finance Institution view of the need for openBIM: H. Costa Elias, Caisse des Dépôts et Consignations
- **Applications of Linked data**
A-M. Roxin, University Bourgogne Franche-Comté
- **openBIM for SMART Construction and SMART Buildings**
 - BIM Infrastructures: KI Bakkmoen
 - BIM Rail Stations: T. Bourdel, C. Grimault, SNCF Gares & Connexions
 - BIM Assets: speaker to be confirmed
- **open standards for BIM-GIS interoperability**
A. Borrmann, Technical University Munich

18:00 Group photo and Cocktail

19:30 Welcome dinner

Brasserie du Printemps

At the 6th floor on the top of this prestigious store
64 Boulevard Haussmann, 75009 Paris



Station Réaumur Sébastopol
3 min walk



Station Strasbourg Saint-Denis
4 min walk



Tuesday 27th March, 2018

Cœur de Défense

Center of conference – Level -1

100-110 esplanade du Général de Gaulle

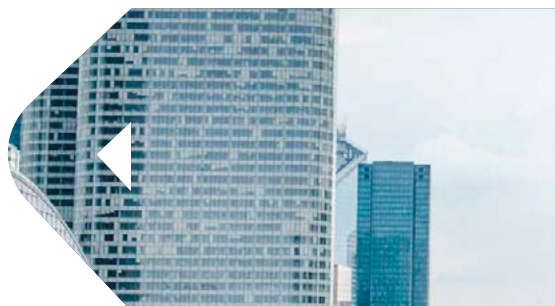
92400 Courbevoie



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8 min walk



	Technical Focus Rooms			User Focus Rooms					
	Building Room	Infrastructure Room	Product Room	Regulatory Room	Construction Room	Airport Room	Rail Room	bSI General	
Room	Athena 2	Hermes	Aurora	Artemis B	Athena 1	Athena 3	Adonis	Artemis A	
08:30	Registration – Morning welcome								
09:00	Session 1	BR1 Opening plenary Introduction to bSI Standards	IR1 Opening plenary (User/Technical)	PR1 Opening plenary		CR1 Opening plenary	AR1 Opening plenary	RWR1 Founding Session Railway Room	bG1 DfMA/Lean
10:30		Break							
11:00	Session 2	BR2 Working Session IFC Precast IFC Rebar	IR2 IFC Bridge (Technical Expert Panel)	PR2 Shared Terminology – Standards, Libraries, Tools and Procedures	RR1 BIM for Regulatory – open seminar	CR2 French Contractors Group (Program change)	AR2 Kick off & deciding work packages	RWR2 RailTopoModel – The Basis for Railway Business- IFC – Common Schema – An Introduction	bG2 Standards Strategy – Technical
13:00		Lunch							
14:00	Session 3	BR3 Working Session MVD QTO and Energy Simulation	IR3 Ports & Harbours (User)	PR3 Shared Terminology – Standards, Libraries, Tools and Procedures (Cont'd.)	RR2 BIM for Regulatory – open seminar	CR3 CDE (2) Common Data Environment	AR3 Working Session	RWR3* IFC Rail Project Sessions Deliverables, Methodology, Validation and Verification	bG3 International User Group: how to engage and contribute
15:30		Break – Group photo							
16:15	Session 4	BR4 *Joint session BR/IR/PR – Open Information Exchange on Projects	IR4 *Joint session BR/IR/PR – Open Information Exchange on Projects	PR4 *Joint session BR/IR/PR – Open Information Exchange on Projects	RR3 Automated Code checking esubmission framework	CR4 Scanning & Point Cloud Solution (Program change)	AR4 Working Session	RWR4* IFC Rail Project Sessions Working Groups 1-5	bG4 Professional Certification workgroup
18:00		Close							

* Stakeholder working session for the IFC Rail Project. Other buildingSMART members are welcome as observers. This is closed to non members of buildingSMART International

Wednesday 28th March, 2018

Cœur de Défense

Center of conference – Level -1
100-110 esplanade du Général de Gaulle
92400 Courbevoie



Station La Défense
Exit n° 5 « Calder Miro »
8 min walk



		Technical Focus Rooms			User Focus Rooms				
		Building Room	Infrastructure Room	Product Room	Regulatory Room	Construction Room	Airport Room	Rail Room	bSI General
Room		Athena 2	Hermes	Aurora	Artemis B	Athena 1	Athena 3	Adonis	Artemis A
08:30		Morning welcome							
09:00	Session 1	BR5 Working Session MVD/IDM Model Set-up MVD QTO	IR5 IFC Road (User)	PR5 Content/ Quality Management Procedures and Library Exchange Standard		CR5 CDE Common Data Environment (Program change)	AR5 Working Session	RWR5* IFC Rail Project Sessions Working Groups 1-5	bG5 BIM Maturity matrix/ BIM Score
10:30		Break							
11:00	Session 2	BR6 LOX use presentation. WG LOX working session of development	IR6 Common Schema (User/ Technical)	PR6 Library Exchange Standard and Product Data Templates		CR6 Usecase (1) Construction BIM	AR6 Working Session	RWR6* IFC Rail Project Sessions Domain Shared Elements - Consolidation Working Groups	bG6 Standards Strategy - Product
13:00		Lunch							
14:00	Session 3	BR7 Working Session Facility management/ Cobie “Handover and beyond”	IR7 Infra Deployment (User/ Technical)	PR7 Classification in Models		CR7 Usecase (2) Construction BIM	AR7 Working Session	RWR7* IFC Rail Project Sessions Summarize and Consolidation Working Groups	bG7 Implementor Support Group ISG
15:30		Break							
16:15	Session 4	BR8 Case studies and project use (Joint Session with User Group)	IR8 Closing Resolution	PR8 Closing Session: Outcomes and Resolutions		CR8 Closing Plenary: Summarize & Proposal for Resolution	AR8 Closing Session	RWR8 Closing Plenary: Summarize & Proposal for Resolution	bG8 Problems with using IFC
18:00		Close							

* Stakeholder working session for the IFC Rail Project. Other buildingSMART members are welcome as observers. This is closed to non members of buildingSMART International

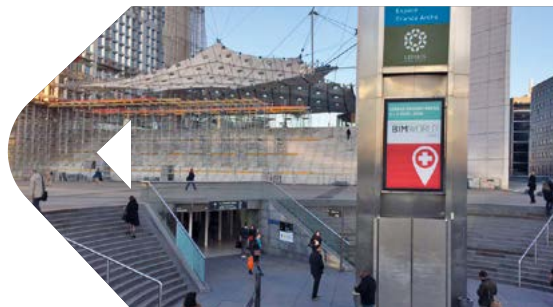
Thursday 29th March, 2018

Exhibition BIM World

Espace Grand Arche – La Défense



Station La Défense
Exit n° 1 « La grande Arche »
8 min walk



Conclusive conferences

of the International Standards Summit in BIM World exhibition
in the «Le Corbusier» room

8:30 Breakfast time at the blue snack

9:00 buildingSMART's International Standards Summit conclusions

Rooms and groups' actions arising, resolutions and future workplans

- IFC strategy development
- ISG
- Infra Room
- Product Room
- Regulatory Room
- Construction Room
- Airport Room
- Building Room
- Rail Room
- Certification

10:45 The ecosystem of BIM standardization

buildingSMART relationship with partners update Round table with : bSI's standards committee, ETIM, CEN, ISO, OGC.

11:15 The challenges of multisectorial interoperability for SMART Industries: converging views

*Pierre Faure, president of AFNeT and
Richard Petrie, CEO of buildingSMART International*

Lunch time free – don't forget to declare that you would like a ticket to have a lunch box
(registration on Monday)

Afternoon to discover BIM World Paris exhibition
(find here the program of the 29th of march).

Some suggested conferences:

- 12:00** – Le Corbusier room: "The data of constructions, products, projects and practices are sources of innovation and value creation".
- 12:15** – Baltard room: "Experience feedback of the BIM for the complex works and the specialized establishments"
- 12:15** – Niemeyer room: API, Web Services, Blockchain, ESB ... The uses in construction
- 15:30** – Baltard room: « The teachings of big projects in BIM Infra »
- 16:30** – Niemeyer room: « Labels and certifications for BIM: risks and et opportunities »
- 16:45** – Baltard room: The BIM: the pilot of the Digital Transformation of the Railroad Infrastructures

buildingSMART International remains at your disposal,
should you have any questions concerning your visit : contact@buildingsmart.org / Sheila.kerailum@buildingsmart.org

Meeting descriptions for the 27th and 28th of march

This list gives a brief description of the content of each working session to help you make your attendance selection.
If you require more information please contact contact@buildingsmart.org (indicating the room concerned)

Building Room meetings **Contact: Ricardo Bittini**

- BR1 Opening plenary** – Introduction to bSI Standards
- BR2 IFC Rebar & Precast Precast** – Short update on the current state of the project and the mvdxml with the html documentation in the current state will be introduced. Working groups (Cast Unit Modeling, Embeds, Model Structure, PRADAP, Reinforcement) were opened to external partners. The current version of the mvdxml was used to fabricate precast elements at a precast plant and the discussion on properties has started. Last but not least we will call for participants for the international precast project.
- BR3 MVD QTO and Energy Simulation**
- BR4 Joint session BR/IR/PR – Open Information Exchange on Projects** – Using bSI standards, tools and processes for identifying and validating requirements and connecting and linking to external information sources, applications based on representative use cases for buildings (heating and cooling systems performance) and infrastructure design to construction).
- BR5 MVD/IDM Model Set-up**

- BR6 LOX use presentation.** In this presentation and working session, we will explore a sampling of use case examples and validation techniques for LoX concepts (Level of Detail, Development, Information...). Participants are encouraged to share their experiences with LoX concepts towards the goal of determining a path towards standardization.
- BR7 Cobie / handover 'Handover and Beyond'**
A presentation by Geraldine Rayner of Summit BIM Consulting Ltd, sharing lessons learned from her company's experience of guiding Owner Operators through the BIM process and managing a smooth digital handover, with a specific focus on:
- Generating a digital data set relating to the entire facility for its complete life cycle.
 - Making sense of LOi, LOx, LoD, etc. by turning them into a Data and Geometry Specification (DGS).
 - Evolving beyond COBie, by retaining the relationships of asset and data established in the DGS within a common digital environment where geometry, data and documents are linked on an instance basis.
- BR8 Case studies and project use** (Joint Session with User Group)

Infrastructure Room meetings **Contact: Christophe Castaing**

- IR1 Opening session:** introduction, Summit program and Infra Room Steering Committee elections 2018
- IR2 IFC Bridge Expert Panel:** conceptual model for review & feedback
- IR3 IFC Ports & Harbours:** preliminary report & feedback on requirement analysis
- IR4 Joint session with Product & Building Rooms. Open Information Exchange on Projects (joint with BR/PR)** – using bSI standards, tools and processes for identifying and validating requirements and connecting and linking to external information sources, applications

based on representative use cases for buildings (heating and cooling systems performance) and infrastructure (bridge design to construction).

- IR5 IFC Road:** preliminary report & feedback on requirement analysis
- IR6 IFC Common Schema:** input from current Infra Projects and preliminary report on emerging common concepts
- IR7 Alignment 1.1 Deployment:** final reports and funding strategy for current Infra Project Deployment
- IR8 Closing session:** Summary & Resolutions

Product Room meetings **Contact: Roger Grant**

- PR1 Opening Plenary** – review previous meetings, active resolutions and status of bSDD planning, deployment and utilization, new project proposals review and discussion.
- PR2 Shared Terminology – Standards, Libraries, Tools and Procedures** – review and discussion of related standards projects at CEN and ISO, review and discussion of tools for working with terminology including ifc.doc-bSDD integration, discussion of utilization of IFC entities and properties in bSDD and procedures for use, translation, updating. presentation on efforts underway in Norway and overviews from other initiatives (Austria, Australia/New Zealand, Denmark, France, Netherlands, Sweden, Switzerland, UK, participation TBD) followed by discussion of how collaborate on efforts and share content and procedures.
- PR3 Shared Terminology – Standards, Libraries, Tools and Procedures (Cont'd.)** – review and discussion of related standards projects at CEN and ISO, review and discussion of tools for working with terminology including ifc.doc-bSDD integration, discussion of

utilization of IFC entities and properties in bSDD and procedures for use, translation, updating. presentation on efforts underway in Norway and overviews from other initiatives (Austria, Australia/New Zealand, Denmark, France, Netherlands, Sweden, Switzerland, UK, participation TBD) followed by discussion of how collaborate on efforts and share content and procedures.

- PR4 Open Information Exchange on Projects (joint with BR/IR)** – using bSI standards, tools and processes for identifying and validating requirements and connecting and linking to external information sources, applications based on representative use cases for buildings (heating and cooling systems performance) and infrastructure (bridge design to construction).
- PR5 Content and Quality Management Procedures WG Workshop** – update on development of methods and approaches for creating and managing quality of content, coordination with related ISO and CEN standards, representatives of current bSDD Agents sharing their procedures/experiences.
- PR5 Library Exchange Standard (LEXS) WG Workshop**

Meeting descriptions for the 27th and 28th of march

- PR6** representatives of the joint WG with InfraRoom will update on status, plans, open issues for coordination with other Product Room Working Groups, discussion of goals and guidance.
- PR6 Product Data Templates WG Status and Working Session**
- update on activity and discussion of pilot testing with s/w vendors and product manufacturers.

- PR7 Classification in Models WG Workshop** – organizing meeting for new WG with update on deployment of classifications systems including ETIM, OmniClass, UniClass and eCI@ss and how to develop standard for use with OpenBIM models.
- PR8 Closing Session** – address technical and implementation issues, resolutions, planning/roommapping and closing plenary of Product Room.

Regulatory Room meetings Contact: Øivind Rooth

- RR1 BIM for Regulatory** – open seminar: Use of BIM in regulatory processes. Presentations from around the world
- RR2 BIM for Regulatory** – open seminar: Use of BIM in regulatory processes. Presentations from around the world
- RR3 Automated Code checking & e-submission framework:** This

session will develop the project on the business case for automated code checking and the project on collating application forms from various countries. e-submission Framework: Final draft of the e-submission project will be discussed and finalized. Discussion will also include a discussion of regulatory processes for infrastructure.

BSI General meetings Contact: Richard Kelly

- bG1** How openBIM enables Design for Manufacture and Lean construction decisions
- bG2** BSI Technical Strategy development
- bG3** International User Group session for end users of openBIM and clients to explain how to become more engaged with buildingSMART
- bG4** This session is focused on the continuing development of the buildingSMART International professional certification

programme. It is a committee working group, but open for guests and interested parties to attend

- bG5** BIM Maturity score / BIM score development session
- bG6** Standards strategy / Product
- bG7** Implementor Support Group session
- bG8** Problems with using IFC workshop

Construction Room meetings Contact: Ken Endo

- CR1** Opening Plenary
- CR2** CDE (1) Common Data Environment
- CR3** CDE (2) Common Data Environment
- CR4** MEP Session

- CR5** Artificial Intelligence for Construction
- CR6** Usecase (1) Construction BIM
- CR7** Usecase (2) Construction BIM
- CR8** Closing Plenary: Summarize & Proposal for Resolution

Airport Room Contact: Yannick Vos, Alex Worp, Rob Roef – airport@buildingsmart.org

- AR1** Opening Plenary: Conclusions London, Governance Document & goals for summit Paris
- AR2** Kick off & deciding work packages: WP 4 Simple guidelines / lessons learned; Sharing experiences. WP2 BIM roadmap process; Sharing roadmaps & sharing experiences
- AR3** Working Session: WP5 Plain language question: Finalizing

- AR4** Working Session: WP 9 Product Templates Airport Assets. WP3 additions to classification: Missing Airport IFC entities
- AR5** Working Session: WP 6; Functional Requirements CDE
- AR6** Working Session: WP 6; Functional Requirements CDE
- AR7** Working Session: BIM-IFC en GIS-cityGML
- AR8** Closing Session: Conclusions

Railway Room

Contact: Winfried Stix, Suo Ning, Christian Erismann

- RWR1** Founding Session Railway Room
- RWR2** RailTopoModel – The Basis for Railway Business
- RWR3** Closed Session IFC Rail Project
- RWR4** Closed Session IFC Rail Project
- RWR5** Closed Session IFC Rail Project
- RWR6** Closed Session IFC Rail Project
- RWR7** Closed Session IFC Rail Project
- RWR8** Closing Plenary: Summarize & Proposal for Resolution

buildingSMART International Awards

An opportunity for companies to showcase their application of buildingSMART open standard solutions to address the current challenges of interoperability faced during collaborative project delivery or asset operations. Open for submissions 26 March 2018. Deadline for submissions is July 31st 2018. Awards ceremony at the Summit in Tokyo, 16 October 2018.
<https://www.buildingsmart.org/news/buildingsmart-awards>



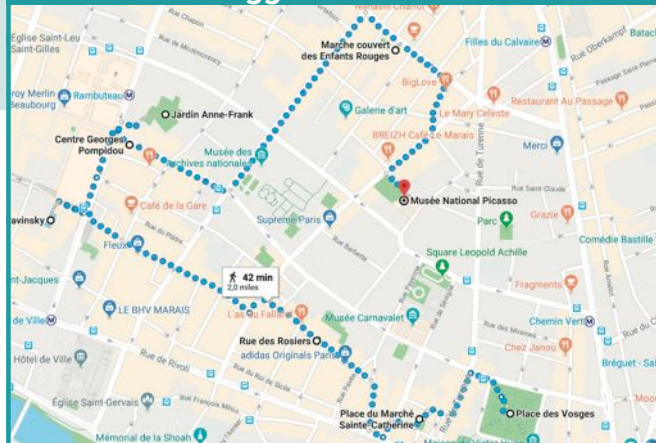
Useful information

Suggested walk



Trip from Arènes de Lutèce (roman site), National Museum and the Gallery of Evolution, the Mosque of Paris, Rue Mouffetard, Place de la Contrescarpe, the Panthéon monument, the Luxembourg garden, Cluny – Middle Age Museum, The Sainte Chapelle, The modern art Center Georges Pompidou.

Suggested walks



Trip in the "Marais district" : from Centre Pompidou (called also Beaubourg), Anne-Frank garden, Stravinsky Fontaine, Picasso national museum, Market of Enfants-Rouges, Rue des Rosiers, Rue des Francs Bourgeois, Place des Vosges, Place Sainte-Catherine.

Some place to eat

- **La dame de Pic** : 20 Rue du Louvre, 75001
- **Mumi** : 14 Rue Sauval, 75001
- **Le Fumoir** : 6 Rue de l'Amiral de Coligny, 75001
- **Le Grand Colbert** : 2 Rue Vivienne, 75002
- **Saturne** : 17, rue Notre-Dame des Victoires, 75002
- **Vivre** : 3 Rue de la Michodière, 75002
- **Mr T** : 38 Rue de Saintonge, 75003
- **Le Petit Communes** : 16 Rue Communes, 75003
- **Metropolitain - P.-A. Berlan** : 8, rue de Jouy, 75004
- **Benoit-Alain Ducasse** : 20, rue Saint-Martin, 75004
- **Le grand cirque** : 141 Rue Saint-Martin, 75004
- **Le George** at the "Center of Georges Pompidou" – top roof with a view over Paris – 75004
- **Le Zyriab** at the « Musée du Monde Arabe » (9th floor) : 1 Rue des Fossés Saint-Bernard, 75005
- **Les ombres** : 27 Quai Branly, 75007
- **Bistrot brute** : 36 Rue de Berri, 75008
- **86 Champs-Élysées** : 86 Av. Champs-Élysées, 75008
- **Café Pouchkine** : 16 Place de la Madeleine, 75008
- **Le jardin d'Hiver** : 10 Place de la Concorde, 75008
- **Le Maxan** : 3 Rue Quentin-Bauchart, 75008
- **Café de la Paix** : 5, place de l'Opéra, 75009
- **L'Élan 9** : 113 Rue du Faubourg Poissonnière, 75009
- **Le Petit Canard** : 19 Rue Henry Monnier, 75009
- **Melt Oberkampf** : 74 Rue de la Folie Méricourt, 75011
- **Le ciel de Paris** : 56th floor of the Maine Montparnasse Tower, Avenue du Maine, 75015
- **Le New York** : 48 Avenue de New York, 75016

www.lafourchette.com is a good source to find and book restaurants (with discounts).

Some place to have a drink or a glass of wine

- **Le Garde Robe (wines)** : 41 Rue de l'Arbre Sec, 75001
- **aveK** : 21 Rue Saint-Sauveur, 75002
- **Shake N'Smash** : 87 rue de Turbigo, 75003
- **Andy Wahloo** : 69 rue des Gravilliers, 75003
- **Little Red Door (bar)** : 60 Rue Charlot, 75003
- **Le sherry butt (whiskies)** : 20 rue Beautreillis, 75004
- **Prescription Cocktail Club** : 23 Rue Mazarine, 75006
- **Bar Etna (natural wines)** : 33 rue Mazarine, 75006
- **Lapérouse** : 51 Quai des Grands Augustins, 75006
- **Le Mathis Bar** : 3 rue de Ponthieu, 75008
- **Le Manko** : 15 avenue Montaigne, 75008
- **Le Blaine** : 65 rue Pierre Charron, 75008



Strategic Members



International Members



Standard Members

