

First Combined Convention on International V&A Standardization Endeavours (CConV&A)

October 20th - 23rd, 2004
Universität der Bundeswehr München
Munich, Germany

Sponsors



Universität der Bundeswehr München



Institut für Technik Intelligenter Systeme



Defense Modeling and Simulation Office



Totalförsvarets Forskningsinstitut



Försvarets Materielverk

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Background

With increasing importance of Modeling and Simulation (M&S), also the requirements for correctness, validity, and trustworthiness of M&S products grow. Several international working groups develop, evaluate, and harmonize guidelines and a "best practice" for Verification, Validation, and Accreditation (V&A) with the objective to define common guidelines and standards for V&A. These working groups include:

- The NATO Modeling and Simulation Group 019, Task Group 016, "Verification, Validation, and Accreditation of Federations" (NMSG-019/TG-016)
- The International Test Operations Procedure (ITOP) Working Group of Experts (WGE) 7.2 "Verification and Validation" (ITOP on V&V)
- The Western European Armament Group THALES Joint Program 11.20, "A Common Verification, Validation, and Accreditation Framework for Simulations" (WEAG THALES JP11.20 REVVA)
- The Simulation Interoperability Standardization Organization (SISO) Product Development Group (PDG) "Verification, Validation, and Accreditation of Federations"

Although focusing on different aspects of VV&A, these working groups have numerous related topics and areas of interest, which shall be discussed during this event.

Convention Objectives

The main objectives of this event are:

- to encourage the development of good training, guidance and support products by creating a larger common marketplace,
- to identify critical gaps in VV&A capability, and
- to co-ordinate future planning and inter-group information exchange

by presenting and discussing the standards developed by these working groups. Therefore, the superior objective is to foster the economic handling of

- **Time,**
- **Money,** and
- **Human Resources**

in the field of VV&A.

Organization and Timeframe

The meeting is scheduled for three and a half days, October 20th - 23rd, 2004.

The first two days, Wed 20th and Thu 21st, are dedicated to presenting and discussing the work conducted in the individual international working groups, with half a day reserved for each working group. Participation in the first two days is open to members of the technical working groups, their management groups (if applicable), and everyone else interested in the subject.

The third day, Fri 22nd, will be a day of moderated discussions, addressing important issues identified during the first two days of the meeting. Those issues may include, but are not limited to:

- technical and managerial aspects of VV&A,
- levels of VV&A,

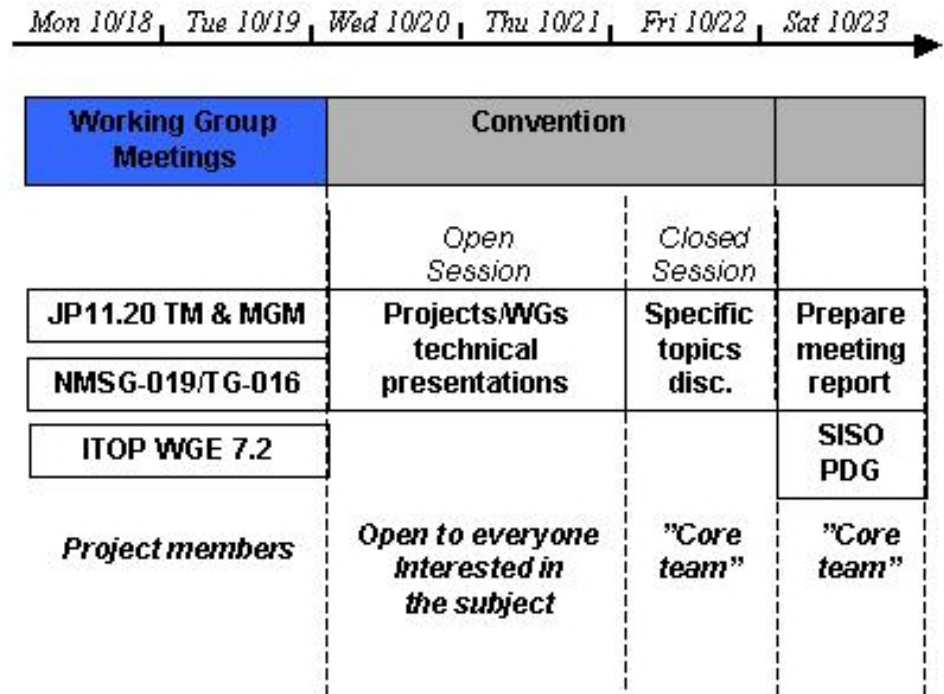
- a common roadmap for an all accepted generic V&A-process.

These discussions are open to any member of a technical working group.

On the forth day, Sat 23rd, interested members of the technical working groups compile a report.

Therefore, on the first two days, Oct 20th and 21st, everyone interested in the field of V&A is welcome to take part in the convention.

The international working groups have the opportunity to schedule their individual working group meetings in accordance with the CCon. Rooms and technical equipment will be provided by the organizers. The figure on the right gives a graphical overview over the meeting timeline.



Preliminary Agenda (as of Juli 23rd)

Wednesday, Oct 20th: (Open to everyone)

0900 - 0930: Address of Welcome
(Axel Lehmann, Universität der Bundeswehr München)

0930 - 1230: Thales JP 11.20 Session
(Chair: Lui Kam, DGA)

- The **REVVA Generic Process**: Standardizing the flow of VV&A products and activities independently from a particular model development and use process
- Formalization of the "Intended Purpose Statement":
Target of Acceptance
- Fitting model and experimental frame
- Application of the Methodology: Case Studies

1230 - 1400: Lunch Break

1400 - 1700: NMSG-019/TG-016 Session
(Chair: Simone Youngblood, DMSO)

- What needs do be considered for **verifying and validating HLA federations?**
- Scheduling VV&A tasks for the **FEDEP phases**

1715 - 1800: Common Roadmap Discussion Day 1
(Lui Kam, DGA)

Thursday, Oct 21st: (Open to everyone)

0900 - 1200: ITOP WGE 7.2 Session
(Chair: Richard Maguire, Quinetiq)

- Standardizing **exchangable "VV&A Cases"** for models, data, and simulation results
- Organizing VV&A rationale and evidence: **Claim-Argument-Evidence Structure**
- Filling in the workbook: Procedure and predefined claims

1200 - 1330: Lunch Break

1330 - 1630: SISO PDG "VV&A of Federations" Session
(Chair: Simone Youngblood, DMSO)

- Creating an **industry standard** for the **V&V of IEEE 1516 HLA federations**
- **Merging** the **FEDEP** with a **generally accepted VV&A-process**

1645 - 1800: Common Roadmap Discussion Day 2
(Simone Youngblood, DMSO)

Friday, Oct 22nd: (Working group members only)

0900 - 1030: Time Slot for Discussion Issue #1

1030 - 1100: Coffee Break

1100 - 1230: Time Slot for Discussion Issue #2

1230 - 1330: Lunch Break

1330 - 1500: Time Slot for Discussion Issue #3

1530 - 1530: Coffee Break

1530 - 1700: Time Slot for Discussion Issue #4

1700 - 1730: Final Brief Out

Saturday, Oct 23rd: (Working group members only)

1000 - 1400: Preparation of Workshop Report

(The final agenda will be available through the [website](#).)

General

Meeting facilities and technical equipment will be provided by the Institut für Technik Intelligenter Systeme and the Fakultät für Informatik, Universität der Bundeswehr München.

CConVV&A Venue

Universität der Bundeswehr München

CConVV&A Secretariat

ITIS, Universität der Bundeswehr München

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CConVV&A Website

<http://inf4-www.informatik.unibw-muenchen.de/~spohl/M2.html>

Internet Café

An Internet Café is foreseen for the participants of the CCon.

Registration

The participation in the CCon will be free of charge. To register please go the CCon website

<http://inf4-www.informatik.unibw-muenchen.de/~spohl/M2.html>

There you find a registration form. Fill it out and fax it to the CCon secretariat. (+49 89 6004 2268)

Please notice that also the working group members are asked to return a registration form back to us, in order to simplify planning.

Official language

All sessions will be held in English.

Social event

A get-together-party will be held on the university campus on the evening of October 20th, 2004.

Hotel:

An adequate amount of hotel rooms have been blocked at the

Novotel München-Perlach

Rudolf-Vogel-Bogen 3
D-81739 München
Phone +49 89 638000
Fax: +49 89 6351309



http://www.tagungshotel.com/hotel_1031032141.htm

If you would like to stay at that hotel, please conduct your room reservation before August, 20th 2004. The price for each room is EUR 99,- (including tax and breakfast), which is a discount; usually the rooms are EUR 120,- per night.

The reservation code for the blocked rooms is

"Mega-Meeting".

Please find on the website a hotel reservation form. Download it and fax or send it to the hotel.

Transport from the Airport to the Hotel

You will arrive at Munich international airport "Franz-Josef-Strauß". There, follow the signs to the "**S-Bahn**" (Metro), which is a white "S" on green ground.

At the S-Bahn, which is located under Terminal 1, at best you buy a so-called "**Streifenkarte**", which is a ticket consisting of 10 stripes. The price is EUR 9,50 and the automates do not take foreign currency or credit cards. Once you have bought a "Streifenkarte" you need 8 strips to get to the hotel, i.e. stamp on strip 8.

Take the S-Bahn line 8 to "Nannhofen" and exit the train at "**Ostbahnhof**" to change to the subway. The trains need exactly 30 minutes from the airport to "**Ostbahnhof**".

In "Ostbahnhof" follow the blue signs with a white "U" (for Underground) on it. Take the **Subway line U5**, which goes to "**Neuperlach Süd**" **NOT** "Laimer Platz". (You do not have to buy another ticket.)

Disembark the train at the very last station "**Neuperlach Süd**" **NOT** "Neuperlach Zentrum", which is two stations before yours. You will see three large buildings: a silver office complex with the letters "B/S/H" on it, the Siemens area with a lot of white/yellow houses and a brick-walled brown building with a green sign "AOK" on it. The hotel entrance is on the backside of this brown building, and about 200 meters away from the subway station.

A map with the Munich public transportation system is available at

<http://www.mvv-muenchen.de/>

Transport from Hotel to CCon Venue:

A shuttle service from the hotel to the CCon venue is planned to be provided. Details will be given on the [webpage](#).

Munich

The City of Munich is situated north of the bavarian alps in the middle of Europe. The city is crossed by the river "Isar", which has a length of 13, 7 km within the boundaries of the city.

The city covers a surface of appr. 310 sqkm, the lowest point is 482 m above sealevel, highest point: 579 m above sealevel.

Munich was founded in the year 1158. The notification as a city (civitas) was fulfilled in the year 1214. In the year 1255 Munich became the residency of the Wittelsbach family. 1632 Munich was occupied by King Gustav Adolf from Sweden during the 30-year war.

During the regency of King Kudwig I. (Aug 25th 1786 - Feb 29th 1868) many famous buildings emerged – Glyptothek, Old and New Pinakothek, Residenz, Feldherrenhalle, Siegestor etc. – thereby Munich became a cultural center in Europe. On Nov. 7th 1918 Kurt Eisner proclaimed the "Freistaat Bayern" (free state of bavaria). 1957 Munich grew to more than a million inhabitants (2003: 1.260.600). In 1972 the XXth Olympic Summer Games took place in Munich. In Munich there are 11 universities and colleges with about 82.000 students, 58 theatres incl. 1 opera, 45 museums and collections, 3 grand orchestras, 76 cinemas and 130 public libraries.

(From: Touristen Information München)

For further informations, please refer to

<http://www.muenchen.de>

Points of Contacts

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