

## **AFPS-IEEA-Japanese Partner (if confirmed)**

### **IDRIM 2016 Esfahan – AFPS Special Session with IEEA and IDRIM supports Conclusion draft of panel discussions about AFPS-IEEA-(Japan, to be confirmed by Norio Okada) practical co-operation**

1693-16 - Darius AMIR-MAZAHERI,  
Draft 1 - Paris, 26 octobre 2016

The main scope of the panel-session was to appreciate the usefulness of such coherent overall special sessions, and if so, to examine how a practical bi-lateral AFPS-IEEA (or multi-lateral with Japan, if confirmed) might be organized (as the conclusion and in continuity with this very first step) and around which themes?

After a short introduction by President Norio Okada giving his a priori positive view, a free open discussion between the panel and all the participants was preferred and took place.

A first draft of all exhaustive proposed items is following (see table, next page).

After comments and agreement of IEEA (and the eventual Japanese partner, to be identified through Norio Okada) a multi-lateral “AFPS-IEEA-Japan” final draft of “possible practical action-lines” will be performed in order to be submitted to the concerned Associations Executive Boards for comment and approval, before any action.

Obviously, to be realistic, just one or a very few number of actions supported by all concerned organisms, will be considered as a nice victory.

The next Board-Meeting of AFPS is planned for early December 2016.

#### Panel members:

**Co-Chairmen:** D AMIR-MAZAHERI (Honour President, AFPS) – M Ashtiani (President, IEEA) - AS Moghadam (IEEA) – M Hoseini (IEEA)

**Special Guests:** President Norio Okada (President, IDRIM), AM Cruz (IDRIM Board)

**Panel:** JP Girard, N Taillefer, P Tinard for AFPS & B Gatmiri, A Kalantari, A Aziminejad, M Zare for IEEA

Other Participants: Collective thanks to all of them. It is impossible to dress a list from Paris, but, no problem for being named (with IEEA help).

**Possible Practical Action-Lines for a tighter AFPS-IEEA-Japan co-operation**

	Themes	Origine	Support & Comments	First Opinion of AFPS-Delegation
1	<b>Conceptual Vulnerability of Structures (most Vulnerable Buildings)</b>	IEEA	AS Moghadam in coherence with DAM Introduction Lecture	The similarity of French & Iranian views to be noticed : Genetic typological vulnerability ; Interest of Shear Walls, etc. A real practical useful subject for a mixt Working Group to start.
2	<b>Fr-Iran-Japon : Session Spéciale on the Simplification of seismic approach for structures</b>	DAM	Supported by Norio Okada	The idea came spontaneously with linking the need for a real simplification of seismic rules also felt by Iran, the presence of N Okada, the admiration of the late French expert, J Betbeder, for the simplicity of the ex-Japanese-Approach (is it still thru today?), & the first Fr-Japan steps on that road started 20 years ago.
3	<b>Annual Work Shop AFPS-IEEA</b> , alternatively in Fr-Ir, or coupled with European or International Conf.	IEEA	M Ashtiani & M Zare	Very useful, under the condition of having special identified subjects for the WSh. It seems more useful to plan a WS only when a Mixt-Working-Group has enough results to present and discuss, and at least, as the conclusion of a Mixt-WG.
4	<b>How to Associate Insurance-State-Owners for Existing Building.</b>	PT/DAM	According to P Tinard lectures on Insurance & Financing	The current Iranian reflection on Insurance, seems focused on New Buildings & Facilities. What about the very hard Existing Construction Problematic (more & less same situation in France)?
5	<b>Working Groups with Crossed Participations</b>	AFPS	DAM	Not a very useful way but the easiest to build-up a co-operation. Co-operation « in minima », through existing WG or new ones to create, with maximum exchange by EM, if no other action-line takes shape.
6	Elaboration of Practical Handbooks	IEEA+ AFPS	M Ashtiani according to JP Girard lectures (on French ICPE Guide & Emergency Management)	Useful for very focused items, such as Special Risk (already under discussion with mutual appropriate industrials and authorities) or the Risk Management, too closely related to each country's organization culture. Might usefully be planed for a second phase when different groups "feel" better the others cultural approach & when preliminary industrials contacts are over
7	Mutual Comparison of Codes & Practices	AFPS + IEEA	JP Girard M Ashtiani	Seems to DAM (shared by other experts) a too scholar & too passive way for a first tight co-operation. What would be the usefulness when no difference is detected, or even in the opposite case (differences are detected)?
8	Seismic Quality Label for Constructions (like for Hotels and Hospitals: 5*, 4*, etc.).	M Ashtiani	The idea is to ameliorate the seismic behaviour by using an appropriate label, with the help of insurances.	It is not so obvious how such a theme can constitute a technical subject for a Working Group. In addition to that, DAM thinks that the idea can work in matter of "comfort" but not so obviously in matter of Safety Policy for a Government (higher safety for richer citizens)
	<b>For Memory: Other themes suggested during or out of the Session</b>			
9	Scenario Vulnerability Study for an Iranian City	AFPS	AFPS according to N Taillefer lectures on Vulnerability Study	Apparently, professional contacts are already engaged between French & Iranian Competent Organisms. The chance for building a simple Associative WG seems really weak. But both associations might be invited later on by the official organisms to build mixt joint WG.
10	Risque Spécial			Contacts already engaged between corresponding industrials & authorities. Sensitive subject. For a 2d step.
11	Quasi-Elastic Behaviour Bearings & Dampers	Iranian Engineerings	In coherence with DAM lecture	Interest of Iranian Engineers & Engineerings for a Quasi-Elastic Design for Sensitive Structures by the use of special bearings and dampers
12	Universities Tweening	DAM	With French Embassy Tehran	Real tweening to start (model Shiraz-Harvard, Sharif-MIT) between a few Iranian & French Universities.