

Mandate of the European Membership of the Topical Groups in the framework of the International Tokamak Physics Activity

by the Programme Manager

Background

At the 15th meeting of the General Assembly on the 10th and 11th of October 2016, a discussion took place on the appointment of key persons from European institutes into International Organisations. The point was addressed that persons were thus far appointed as ITPA Topical Group members for an unlimited duration. Effectively this implies that members have a life-time appointment unless they step down at their own desire. This makes the number of positions that come vacant every year rather limited. The General Assembly has therefore charged the Programme Manager to present at its 16th meeting a proposal to review the duration for the appointments of key persons in International Organisations (ITPA, ...). Apart from the membership of the ITPA Topical Groups, no members are endorsed by the General Assembly for other International Organisations.¹

ITPA

The International Tokamak Physics Activity has seven Topical Groups and a Coordinating Committee. Each Topical Group has seven regular members from each of the ITER Parties, plus an additional representative from the Stellarator Community. The ITPA Coordinating Committee has three members per ITER Party.

The regular European members of the seven Topical Groups are proposed by the European ITPA CC members, often after consulting the chair of the Topical Group. The proposed members are endorsed by the General Assembly.² The representatives from the Stellarator Community are proposed by the IEA Technology Cooperation Programme on the Stellarator-Heliotron Concept and are only noted by the General Assembly. The European membership of the ITPA CC consists of the Programme Manager, the Head of the EUROfusion ITER Physics Department and one additional member to be endorsed by the General Assembly. The additional member should be a person from the beneficiaries with strong general expertise in tokamak physics and not having any official function in EUROfusion. According to the ITPA Charter each Party should indicate the Lead of the Party for each Topical Group.

The ITPA Coordinating Committee selects on a three yearly basis the deputy chairs for each Topical Group. The deputy chairs are considered for promotion to chair after three years, for another period of three years.

¹ The co-chair of the European Transport Task Force is elected by the European members of the TTF. The mandate of the co-chair has a duration of two years. Then the co-chair becomes the new chair for a period of two years, while again a new co-chair is elected. The General Assembly only notes this selection.

² In most ITPA Topical Groups one of the seven members has been nominated by F4E. In this case EUROfusion nominates the six remaining members. F4E bears the costs of its own members

The funding rules for attendance to the ITPA Topical Group meetings has been approved by the General Assembly in its 6th meeting (EUROFUSION GA (14) 6 -4.2 - ITPA membership - Issue 2- 28-Sep-2014). The following applies for travels related to TG meetings taking place:

- in Europe: subsistence and accommodation payable as Unit costs (travel costs not reimbursed)
- outside Europe: actual costs for travel + accommodation + subsistence
- in case the ITPA TG meeting is connected to an international conference or another business trip, then the travel costs will be reimbursed for 50%, while accommodation + subsistence (if paid as Unit Costs in travels within Europe) costs will be only covered for the days of the TG meeting.

Both the regular members (with the exception of F4E members) as well as the stellarator representatives are reimbursed by EUROfusion. F4E bears the costs of its members.

Proposal to limit the duration of appointments of ITPA Topical Group Members

It is proposed that ITPA Topical Group members and ITPA Coordination Committee members are standardly appointed for a period of 6 years. Exceptions are the positions of the Programme Manager and the Head of the EUROfusion ITER Physics Department in the ITPA CC, where the ITPA CC membership is related to the mandate of their function within EUROfusion. In case a member is selected by the ITPA Coordination Committee as deputy chair for 3 years, with a possible subsequent duty as chair for another 3 years, the total duration of the appointment will be equal to the amount of time the member already was appointed as TG member plus the additional years, needed to be able to fulfil the full mandate of (deputy)-chair.

Since EUROfusion reimburses the TG meetings for both the regular members as well as the stellarator representatives, it is proposed that the appointment of European stellarator representatives in the ITPA TGs is also limited to 6 years. The IEA TCP on the Stellarator-Heliotron Concept is then asked to propose a new representative that not necessarily needs to come from Europe.

The Table in the Annex gives an overview of the present European membership to the Topical Groups. Strictly imposing the proposed duration would imply that almost immediately the majority of members would have to step down as their membership already exceeds 6 years (see Table below). Moreover, many of the present members might be involved in specific actions and tasks which could lead to disruptions in the activities of the Topical Group.

Group	# of members > 6 years	# of members < 6 years
Diagnostics	3	4
Energetic Particles	4	4
Int. Operating Scen.	5	2
MHD, Disrupt. & Control	4	2
Pedestal & Edge Phys.	6	1
SOL & Divertor	2	5
Transport & Confinement	3	5
Coordinating Committee	1	2

Therefore a transitory measure is proposed that leads to a more gradual transition and that also allows people to finish their tasks. It should be noted that people have always the possibility to attend ITPA TG meetings, even in case they are no longer official member, but at the expense of their institute rather than being reimbursed by EUROfusion.

As transition measure it is proposed that the appointment of about 1/3 of the members that are presently longer than 6 years in the ITPA TG will come to an end by December 2017, ~1/3 by the end of 2018, and the remaining ~1/3 of the members that are already longer than 6 years in the ITPA TG will be asked to step down in December 2019. The renewal of the present batch of old members (>6 years in ITPA TG) is done phased over three years to not cause a disruption to the work of the Topical Groups. The Programme Manager has discussed with the chairs of the ITPA TGs and with the individual members and came to the end dates listed in the annex.

Since the ITPA Coordinating Committee meets every year in December, it makes sense to endorse the new members of the ITPA TGs and CC in the October meeting of the General Assembly every year, such that the outcome can be communicated in time to the Coordinating Committee. The proposed way to deal with this is that EUROfusion makes every year a call in the early fall for the positions that will become vacant at the end of the year (or that have become vacant during the year). The call will be analysed by the EU ITPA CC members who will make a proposal to the October GA meeting. Former TG members can be re-nominated as member of the same TG after a period of two or more years; they could be re-nominated immediately for other TGs. In this way the ITPA TG membership will only pass the GA agenda once a year, instead of each time when a vacant position needs to be filled. The end dates of all positions in the annexed table have been aligned with this. Only in case no scientists with the proper competence profile are nominated, the mandate of the member(s) that should step down at the end of the year can be extended by another period of 3 years. The third ITPA CC member – not linked to a position in EUROfusion – will be selected by the Bureau after a call for nominations and a member will be proposed to the General Assembly. Since the present member announced to step down after 2016, the call will be issued early 2017.

European Lead for each Topical Group

The members to the ITPA Topical Group are nominated ad personam. The members are explicitly not having a seat in the Topical Groups on behalf of their laboratory, but instead should maintain good contacts with the experts in the European laboratories. It is important that the European laboratories are informed about the agenda of upcoming meetings and also about the outcome (e.g. the minutes). It is proposed that the EUROfusion User's website is used for this. According to the ITPA charter, each Party should define who is their Lead member for each of the Topical Groups. This is the point of contact from the ITPA secretariat to the members of the Parties. To ensure a good connection with the European laboratories, it is proposed that the European Lead of each Topical Group is responsible for updating the information on the Topical Group on the EUROfusion Users's website. Beneficiaries can contact any of the Topical Group members to raise certain issues at the ITPA Topical Group meetings. It is proposed that the European members of each Topical Group select who is the European Lead.

Recommendation

The General Assembly is invited:

- ***to endorse the proposal to limit the duration of appointments to the ITPA Topical Groups and Coordinating Committee to 6 years, unless the respective member is nominated as deputy-chair and subsequently chair, in which case the duration will be 6 years plus the time that member already served as regular TG member.***
- ***to endorse the proposed procedure to renew the membership of the various ITPA Topical Groups and the ITPA Coordinating Committee.***

ITPA group / member	Affiliation	Nominated	Mandate expires
Diagnostics			
Goussarov Andrey	SCK/CEN	9/2014	12/2020
Herrmann Albrecht	IPP	9/2012	12/2017
Ingesson Christian	F4E	<6/2010	
Koenig Ralf (Stell. Rep)	IPP	<6/2010	12/2017
Litnovsky Andrey (Lead)	FZJ	6/2010	12/2018
Mazon Didier (Dep. Chair – per 12/2016)	CEA	7/2016	12/2022
Figueiredo João	EUROfusion	12/2016	12/2022
Zoletnik Sandor	HAS	<6/2010	12/2019
<u>(Note: the Diagnostic TG members already spontaneously proposed end dates for all members)</u>			
Energetic Particles			
Briguglio Sergio	ENEA	<6/2010	12/2017
Fasoli Ambrogio	CRPP	<6/2010	12/2017
Garcia Muñoz Manuel	Univ. Seville	12/2015	12/2021
Koenies Axel (Stell. Rep)	IPP	<6/2010	12/2018
Kurki-Suonio Taina	TEKES	<6/2010	12/2018
Lauber Philipp	IPP	3/2011	12/2019
Salewski Mirko	DTU	12/2016	12/2022
Sharapov Sergei (Chair – per 12/2014)	CCFE	9/2012	12/2019
<u>(Note: the EP TG members agreed with the end dates proposed by the chair)</u>			
Integrated Operating Scenarios			
Ascasibar Enrique (Stell. Rep)	CIEMAT	<6/2010	12/2017
Challis Clive	CCFE	<6/2010	12/2018
Felici Federico	TU/e	10/2016	12/2022
Garcia Jeronimo	CEA	9/2014	12/2020
Saibene Gabriella	F4E	<6/2010	
Sips George (Lead)	EC	<6/2010	12/2019
Stober Joerg	IPP	<6/2010	12/2017
Tuccillo Angelo	ENEA	<6/2010	12/2018
<u>(Note: the IOS TG members already spontaneously proposed end dates for all members)</u>			
MHD, Disruptions & Control			
Cavinato Mario	F4E	<6/2010	
Hender Tim	CCFE	<6/2010	12/2017
Martin Piero (Chair – per 12/2014)	ENEA-RFX	<6/2010	12/2019
Nardon Eric	CEA	10/2016	12/2022
Pautasso Gabriella	IPP	<6/2010	12/2018-19
Sauter Olivier	EPFL	<6/2010	12/2017
Villone Fabio	ENEA	<6/2010	12/2018-19
<u>(Note: the MHD TG members agreed with proposed end dates for all members; GP and FV will decide who steps down in '18 and who in '19)</u>			
Pedestal and Edge Physics			
Bécoulet Marina	CEA	<6/2010	12/2019
Beurskens Marc	IPP	9/2012	12/2019
Hirsch Matthias (Stell. Rep)	IPP	<6/2010	12/2017
Kirk Andrew	CCFE	<6/2010	12/2018
Liang Yunfeng	FZJ	<6/2010	12/2018
Sartori Roberta	F4E	<6/2010	
Suttrop Wolfgang	IPP	<6/2010	12/2019
Wilson Howard	York	<6/2010	12/2017
<u>(Note: the PEP TG members agreed with the end dates proposed by the chair)</u>			

Scrape-off Layer & Divertor			
Brezinsek Sebastijan	FZJ	9/2012	12/2019
Coenen Jan-Willem	FZJ	9/2014	12/2020
Counsell Glenn	F4E	<6/2010	
Krieger Karl (Dep. Chair – per 12/2014)	IPP	3/2011	12/2020
Tabares Vazquez Francisco Luis (Stell. Rep)	CIEMAT	<6/2010	12/2017
Tsitrone Emmanuelle	CEA	12/2015	12/2021
Zagorski Roman	IPPLM	<6/2010	12/2018
Lipschultz Bruce	CCFE	9/2014	12/2020
(Note: the DIVSOL TG members agreed with the end dates proposed by the chair)			
Transport & Confinement			
Angioni Clemente (Lead)	IPP	<6/2010	12/2018-19
Citrin Jonathan	DIFFER	12/2014	12/2020
Duval Basil	CRPP	6/2015	12/2020
Hidalgo Carlos	CIEMAT	<6/2010	12/2017
Mantica Paola (Chair – per 12/2014)	ENEA-CNR	<6/2010	12/2018-19
Tala Tuomas	TEKES	<6/2010	12/2019
Valovic Martin	CCFE	4/2016	12/2022
Zocco Alessandro (Stell. Rep)	IPP	12/2015	12/2021
(Note: the T&C TG members agreed with proposed end dates for all members; CA and PM will decide who steps down in '18 and who in '19)			
ITPA CC			
Donné Tony (Contact) (as Programme Manager)	EUROfusion	6/2014	12/2019
Litaudon Xavier (as Head of IPH Dept.)	EUROfusion	6/2014	12/2019
Zohm Hartmut	IPP	7/2001	12/2016