

Division Meeting

Seismology

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General Assembly 2017 | Wednesday, April 26



Meetings | Publications | Outreach | www.egu.eu

Agenda & Topics

- Welcome
- Awards & Medals
- Meeting & Session Statistics
- Structure of the Seismology Division
- Any other business

Beno Gutenberg Medal 2016

The 2017 Beno Gutenberg Medal is awarded to **Hitoshi Kawakatsu** in recognition of his outstanding contributions to seismological studies of deep earthquakes, volcanoes, subduction zones, and the Earth's mantle



Prof. Hitoshi Kawakatsu
Earthquake Research Institute
University of Tokyo
Japan



Beno Gutenberg.

Courtesy of the California Institute of Technology Archives, Pasadena

Division Outstanding Young Scientists Award 2017

The 2017 Division Outstanding Early Career Scientists Award is awarded to **Elmer Ruigrok** for pioneering contributions to the methodology of retrieving seismic-reflection responses from passive seismic data, including ambient noise, and to its application at global, regional and basin scale.



Dr. Elmer Ruigrok
University Utrecht

Elmer Ruigrok, during an early stage of his PhD research, derived the general theory for retrieving global-scale reflection responses for long period ambient noise and coda wave data, to develop a methodology for global-scale seismic interferometry. Following this theoretical work, Elmer applied seismic interferometry to basin and regional-scale seismicity and to ambient noise data. Moreover, Elmer did not limit his applications to surface waves only, suited for tomographic inversion, but he was one of the first to retrieve high-resolution body-wave reflection responses.

This deviation from the “mainstream” research in seismic interferometry makes Elmer’s research truly groundbreaking. His work has resulted in an impressive number of journal papers on a variety of applications ...

Friday, 28 Apr 2017, Room M1, 14:15–14:30; (SM Division Outstanding ECS Award Lecture)

Inverting near-surface models from virtual-source gathers

Elmer Ruigrok, Caron Vossen, and Hanneke Paulssen

Outstanding Student Poster & Pico Award 2016

The 2016 Division Outstanding Student Poster & Pico (OSPP) Awards

Alessandro Lechmann



Using muon radiography to map the bedrock geometry underneath an active glacier: A case study in the central Swiss Alps (Lechmann, A.; Mair, D.; Nishiyama, R.; Ariga, A.; Ariga, T.; Ereditato, T.; Scampoli, P.; Vladymyrov, M.; Schlunegger, F.).

Jagdish Vyas



Distance and azimuthal dependence of ground-motion variability (Chandra Vyas, J.; Mai, P.M.; Galis, M.).

Nominations for OSPP Award

Eligible for the Outstanding Student Poster and PICO (OSPP) Awards are students:

- who are first author & personally present the poster/PICO at the conference;
- who satisfy one of the following criteria:
 - current undergraduate (BSc) or postgraduate (MSc, PhD) student;
 - recent undergraduate or postgraduate student (conferral of degree after 1 January of the year preceding the conference)
- who are presenting their thesis work

Each first OSPP author can register only ONE abstract (poster or PICO) for the OSPP contest

Nominations for Outstanding Young Scientists Award / Arne Richter Award for Outstanding Young Scientists

Nomination letter (1/2 page) including the division that the candidates research is most applicable to.

Curriculum Vitae. A summary of the candidate's CV (1 page) including their date of birth and the date when their highest degree qualification was received.

Selected bibliography. A list of selected publications by the candidate that best support the nomination (1/2 page). It should also state briefly the candidate's total number and types of publications and citations.

The whole nomination package for the Outstanding Young Scientists Award / Arne Richter Award for Outstanding Young Scientists must not exceed 2 pages, otherwise the nomination will not be accepted.

Arne Richter Award: From all division OYSA winners, four are selected for the EGU-wide Arne Richter Award, within four distinct groups [Solid Earth, Soft Earth, Planetary and Space Sciences, Interdisciplinary]

Deadline for Nomination Package
(submitted online to EGU)
June 15, 2017

Nominations for Beno Gutenberg Medal

Nomination letter (1 page). This must clearly detail why the candidate deserves this recognition, in particular focus on the candidate's scientific contributions to the field, their importance, their impact on the discipline and their implications for the future. The new views and new insights that have been stimulated by the candidate's work are particularly relevant.

Curriculum Vitae (2 pages). A summary of the candidate's CV, including the candidate's name, address, history of employment, degrees, research experience, honours, and service to the community.

Selected bibliography (2 pages). A list of selected publications by the candidate that best support the nomination. It should also state briefly the candidate's total number and types of publications and citations.

Supporting letters. Between 3 and 5 letters of support (maximum 1 page each) should be submitted. These letters should clearly establish the nominee's recognised contribution to the field.

**Deadline for Nomination Package
(submitted online to EGU)
June 15, 2017**

Beno Gutenberg Medal – Committee for 2018

The Committee for the Beno Gutenberg Medal 2018 is composed of the last five medalists who have been awarded the Beno Gutenberg Medal

2017



2016



2015



2014



2013



To be discussed – two possible changes:

- [1] Expanding the BG-Committee by one non-medalist member (e.g. past division president) ?
- [2] Moving the Gutenberg Medal Lecture to an evening talk (7-8 PM)



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Meeting & Session Statistics

EGU General Assembly 2017 facts

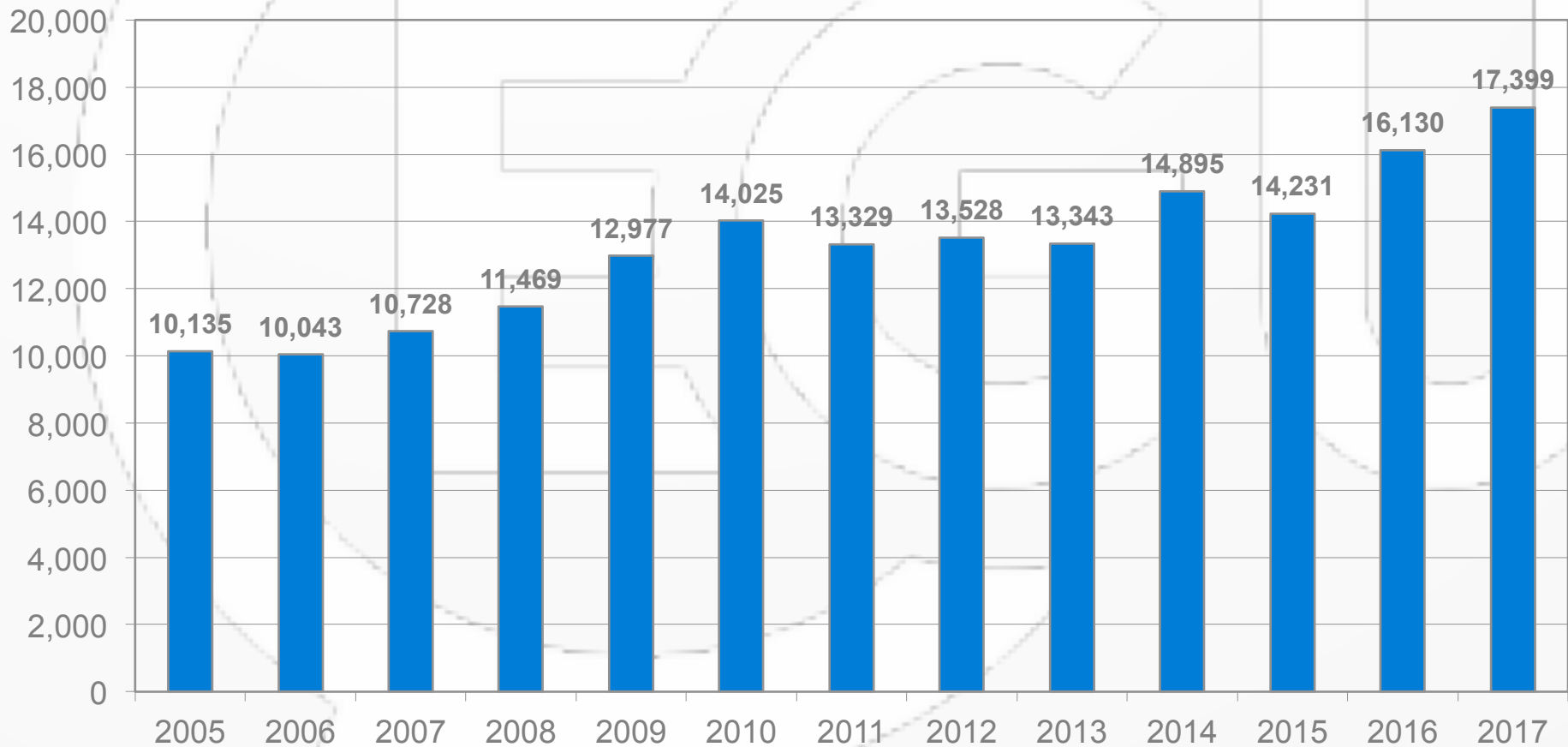
As of 19 April (17:01), the Assembly 2017 provides:

- 17,399 papers in programme | +7.87% (2016)
- 4,849 orals | 11,312 posters | 1,238 PICOs | ratio 28 / 65 / 7
- 11,331 registrations in advance | +3.55% (2016)
- 649 unique scientific sessions | 88 short courses | 322 side events*
- 383 out of 649 scientific sessions are co-organized (59%)
- The 383 co-organized include 12 IE sessions with 261 presentations
- Original sessions: 1,432; 1,059 still active, 373 withdrawn
- Withdrawn: 356 scientific sessions and 17 side events

*Side events include: SSE (w/o US), OEM (w/o EOS), STM (w/o SC), FAN, AM

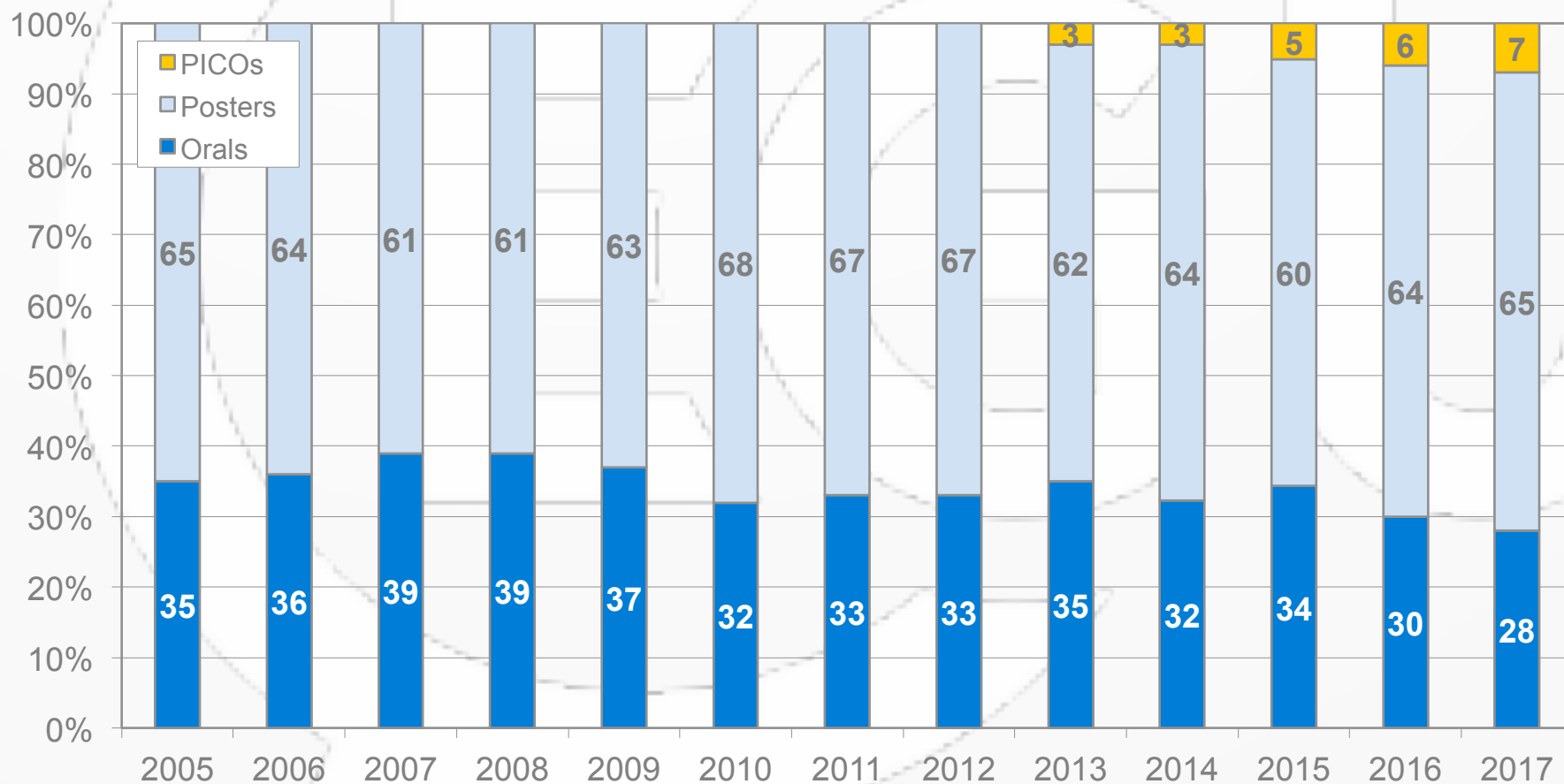
Meeting & Session Statistics

Papers in programme 2005–2017



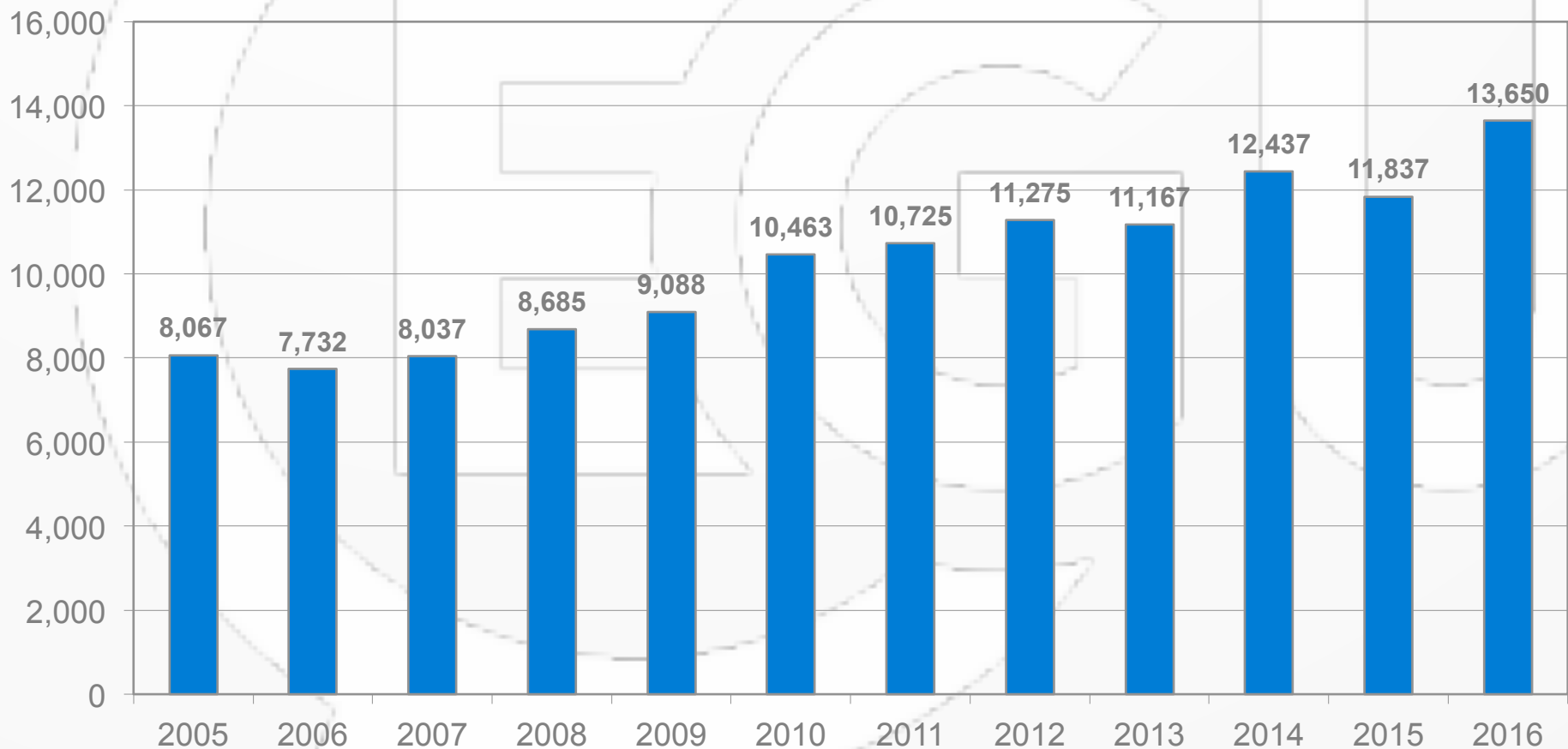
Meeting & Session Statistics

Presentation ratio 2005–2017



Meeting & Session Statistics

Participants at EGU General Assemblies 2005–2016



SM Statistics, 2016

Programme Group		Lead sessions		Co-org. sessions		Total		
		#Abs.	%	#Ses.	#Abs.	#Ses.	#Abs.	#Ses.
SSE	Special scientific events	48	0%	55	0	0	48	55
OEM	Outreach, education, and media	265						
STM	Short courses and topical meetings	0						
FAN	Feedback and networking	0						
AM	Administrative meetings	0						
IE	Interdisciplinary events	47						
AS	Atmospheric Sciences	1,618	10%	52	1,204	41	2,822	93
BG	Biogeosciences	890	5%	39	681	25	1,571	64
CL	Climate: Past, Present, Future	1,343	8%	45	886	31	2,229	76
CR	Cryospheric Sciences	480	3%	21	507	19	987	40
EMRP	Earth Magnetism & Rock Physics	267	2%	12	560	19	827	31
ERE	Energy, Resources and the Environment	474	3%	20	261	12	735	32
ESSI	Earth & Space Science Informatics	232	1%	13	150	5	382	18
G	Geodesy	401	2%	15	112	3	513	18
GD	Geodynamics	432	3%	17	601	19	1,033	36
GI	Geosciences Instrumentation & Data Systems	264	2%	14	357	17	621	31
GM	Geomorphology	546	3%	23	1,136	42	1,682	65
GMPV	Geochemistry, Mineralogy, Petrology & Volcanology	556	3%	18	745	25	1,301	43
HS	Hydrological Sciences	2,221	13%	80	1,075	44	3,296	124
NH	Natural Hazards	1,248	7%	44	1,287	44	2,535	88
NP	Nonlinear Processes in Geosciences	352	2%	16	189	11	541	27
OS	Ocean Sciences	451	3%	14	744	26	1,195	40
PS	Planetary & Solar System Sciences	431	3%	16	301	12	732	28
SM	Seismology	505	3%	17	936	31	1,441	48
SSP	Stratigraphy, Sedimentology & Palaeontology	548	3%	19	258	10	806	29
SSS	Soil System Sciences	1,450	9%	53	1,187	61	2,637	114
ST	Solar-Terrestrial Sciences	534	3%	18	159	6	693	24
TS	Tectonics & Structural Geology	754	4%	23	604	24	1,358	47
Sum		16,788	100%	891				

Programme Group		Lead sessions		Co-org. sessions		Total		
		#Abs.	%	#Ses.	#Abs.	#Ses.	#Abs.	#Ses.
SM	Seismology	505	3%	17	936	31	1,441	48

Programme Group Statistics

Accepted	Total: 1,457
Status	Active: 1,441 (99%) Withdrawn: 16 (1%)
Granted supports	None: 1,437 (99%) ECSTA: 4 (0%)
Presentation requests	Oral preference: 724 (50%) PICO: 3 (0%) Poster preference: 714 (49%)
Author identification specifics	ECS: 650 (45%)

SM Statistics, 2017

Programme Group		Lead sessions		Co-org. sessions			Total	
		#Abs.	%	#Abs.	#Ses.	#Abs.	#Ses.	
SSE	Special scientific events	46	0	59	1	1	47	€
OEM	Outreach, education, and media	250	1%	20	95	5	345	↓
STM	Short courses and topical meetings	0	0	244	0	1	0	24
FAN	Feedback and networking	0	0	58	0	0	0	58
AM	Administrative meetings	0	0	38	0	0	0	38
IE	Interdisciplinary Events				256	12		
AS	Atmospheric Sciences	1,699	10%	52	1,412	57	3,111	109
BG	Biogeosciences	785	5%	29	1,088	48	1,873	77
CL	Climate: Past, Present, Future	1,324	8%	43	1,405	60	2,729	103
CR	Cryospheric Sciences	545	3%	23	586	28	1,131	51
EMRP	Earth Magnetism & Rock Physics	272	2%	10	849	35	1,121	45
ERE	Energy, Resources and the Environment	531	3%	19	360	15	891	34
ESSI	Earth & Space Science Informatics	162	1%	12	230	10	392	22
G	Geodesy	412	2%	15	104	6	516	21
GD	Geodynamics	378	2%	18	568	20	946	38
GI	Geosciences Instrumentation & Data Systems	332	2%	16	569	24	901	40
GM	Geomorphology	728	4%	30	824	38	1,552	68
GMPV	Geochemistry, Mineralogy, Petrology & Volcanology	621	4%	19	440	19	1,061	38
HS	Hydrological Sciences	2,286	13%	85	1,372	68	3,658	153
NH	Natural Hazards	1,113	6%	48	1,390	60	2,503	108
NP	Nonlinear Processes in Geosciences	367	2%	14	168	17	535	31
OS	Ocean Sciences	724	4%	20	898	31	1,622	51
PS	Planetary & Solar System Sciences	454	3%	18	109	7	563	25
SM	Seismology	561	3%	18	1,143	47	1,704	65
SSP	Stratigraphy, Sedimentology & Palaeontology	416	2%	16	333	16	749	32
SSS	Soil System Sciences	1,872	11%	79	1,245	62	3,117	141
ST	Solar-Terrestrial Sciences	467	3%	17	194	13	661	30
TS	Tectonics & Structural Geology	920	5%	32	595	26	1,515	58
PPAA	Pre- & post-assembly activities	0	0	4	0	0	0	4
Sum		17,265	100%	1,056				Last update: 25.04., 00:18:53

Programme Group		Lead sessions		Co-org. sessions		Total		
		#Abs.	%	#Ses.	#Abs.	#Ses.	#Abs.	#Ses.
SM	Seismology	561	3%	18	1,143	47	1,704	65

Programme group statistics

Active scheduled	1,706
Status	Total scheduled: 1,750 Withdrawn thereof: 44
Granted supports	None: 1,704 (100%) ECSTS: 2 (0%)
Presentations	Orals: 502 (29%) Posters: 1,136 (67%) PICOs: 68 (4%)
Author identification specifics	ECS: 749 (44%)

■ Show statistics for all programme groups

Meeting statistics

Active scheduled	17,276
Status	Total scheduled: 18,051 Withdrawn thereof: 775
Granted supports	None: 17,008 (98%) ESTS: 25 (0%) ECSTS: 243 (1%)
Presentations	Orals: 4,833 (28%) PICOs: 1,225 (7%) Posters: 11,218 (65%)
Author identification specifics	ECS: 8,858 (51%)

Meeting & Session Statistics

The session scheduling process

General Assembly 2017
Oral time block assignment based on statistics from 23 Jan 2017, 10:00 CET
 To be used for the scheduling via the PCII tool



PG	Oral	Oral %	Poster	Poster %	PICO	PICO %	IE	IE %	Total 2017	Total 2016	Growth	Medal+	OB 2017**	IE	Cluster	Cluster abs.
US									38				5			38
GDB													6			
UMI													6			
GIFT													10			
EOS	141	54.9%	109	42.4%	7	2.7%			257	175	47%		11		EOS	257
AS*	1060	59.2%	700	39.1%	32	1.8%	0	0.0%	1792	1652	8%	1	80		AS	1792
BG	478	58.5%	312	38.2%	7	0.9%	20	2.4%	817	901	-9%	1	36	1	BG	817
CL	764	54.7%	559	40.0%	71	5.1%	3	0.2%	1397	1358	3%	1	63	0	CL	1397
HS	1263	53.1%	974	41.0%	140	5.9%	0	0.0%	2377	2255	5%		104		HS	2377
NH	577	49.9%	496	42.9%	13	1.1%	70	6.1%	1156	1254	-8%	2	50	4	NH	1156
SSS	979	50.3%	779	40.1%	187	9.6%		0.0%	1945	1486	31%		86		SSS	1945
CR	263	45.8%	205	35.7%	55	9.6%	51	8.9%	574	483	19%		23	2	CR/OS	1313
OS	438	59.3%	273	36.9%	1	0.1%	27	3.7%	739	460	61%	1	33	1		
ERE	294	52.7%	262	47.0%	2	0.4%		0.0%	558	487	15%		25		ERE/ESSI/GI/NP	1467
ESSI	83	45.9%	46	25.4%	0	0.0%	52	28.7%	181	236	-23%		6	2		
GI	192	55.7%	153	44.3%	0	0.0%		0.0%	345	269	28%	1	17			
NP	216	56.4%	134	35.0%	0	0.0%	33	8.6%	383	355	8%	1	17	2		
G	230	54.5%	178	42.2%	14	3.3%		0.0%	422	408	3%		19		GMPV/G/GD/SM	2023
GD	180	46.5%	187	48.3%	20	5.2%		0.0%	387	432	-10%	1	18			
GMPV	329	53.0%	292	47.0%	0	0.0%		0.0%	621	562	10%		28			
SM	275	46.4%	318	53.6%	0	0.0%		0.0%	593	537	10%	1	28			
GM	400	51.7%	322	41.7%	35	4.5%	16	2.1%	773	552	40%		34	0	SSP/GM	1198
SSP*	208	48.9%	182	42.8%	35	8.2%		0.0%	425	554	-23%	1	20			
PS	298	62.6%	152	31.9%	23	4.8%	3	0.6%	476	433	10%		22	0	ST/PS	960
ST*	305	63.0%	179	37.0%	0	0.0%		0.0%	484	538	-10%	2	23			
EMRP	126	45.0%	153	54.6%	1	0.4%		0.0%	280	255	10%		13		TS/EMRP	1240
TS*	465	48.4%	418	43.5%	77	8.0%		0.0%	960	759	26%	1	44			
	9564		7383		720		275		17980	16401	10%	14	827	12		17980

Medal+ = 1 extra block for sessions including Medal Lectures (60 min. incl. 15 min. medal presentation)

* = PGs incl. Arne Richter OYS Award Lecture (30 min.), with an expansion of 15 min. into the break (AS3.1|TS9.1|SSP2.4|ST1.9)

OB = oral block | R/W = rooms per week | OB +/- = to be distributed in already partly filled rooms (+), or to be kept free for the other PGs (-)

** = oral blocks are counted without IE sessions since IE time blocks are pre-allocated together with all other IE sessions

Meeting & Session Statistics

The session scheduling process

General Assembly 2017

Lecture room allocation derived on 24 Jan 2017 by PCC/Exec.
Sec./Copernicus, updated on 30 Jan 2017

To be used for the scheduling via the PClI tool



Room	PAX	MO1	MO2	MO3	MO4	TU1	TU2	TU3	TU4	WE1	WE2	WE3	WE4	TH1	TH2	TH3	TH4	FR1	FR2	FR3	FR4
Red Level - second floor																					
2.15	95	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
2.20	130	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG
2.31	95	HS	HS	HS	HS	NH	NH	NH	NH	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG
2.44	122	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
B	670	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
C	670	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
2.95	122	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
Green Level - first floor																					
L1	100	TS/EMRP	TS/EMRP	ST/PS	ST/PS	ST/PS	SSP/GM	SSP/GM	EOS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS
L2	150	ST/PS	ST/PS	ST/PS	ST/PS	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP
L3	280	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS
L4/5	140	GIFT	GIFT	GIFT	GIFT	GIFT	GIFT	GIFT	GIFT	GIFT	GIFT	EOS	EOS	EOS	EOS	EOS	EOS	EOS	EOS	EOS	EOS
L6	261	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH
L7	115	NH	NH	NH	NH	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH	NH
L8	100	NH	NH	NH	NH	NH	NH	NH	NH	NH	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP
M1	104	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM
M2	121	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP
M3	159	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM
M4	159	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM
N1	175	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM	SSP/GM
N2	158	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS	ST/PS
Yellow Level - ground floor																					
0.11	120	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
0.14	120	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL
0.31	120	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP
E1	494	CL	CL	CL	CL	GD02	CL	CL	CL	GD05	CL	CL	US Award	US Award	GM/PS/GD/SM	GM/PS/GD/SM	GD04	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM
0.49	118	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS
E2	494	AS	AS	AS	AS	US2	AS	AS	AS	US1	US1	GD01	US ad-hoc	CL	CL	CL	CL	AS	AS	AS	AS
F1	494	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
0.88	117	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
0.94	110	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP
0.96	105	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP
F2	494	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL
Brown Level - basement																					
D1	370	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	BG	BG	BG	BG	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM
D2	293	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS
D3	370	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	ER/ESS/G/NP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP
-2.32	111	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS
G1	220	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP	TS/EMRP
-2.47	86	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
G2	220	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS	CR/OS
H1	220	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM	GM/PS/GD/SM
H2	220	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
-2.20	150	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
-2.21	150	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS	SSS
Sum	###																				

- Please select your preferred programme groups: Close
- | | | |
|--|--|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Special scientific events (SSE) <input type="checkbox"/> Outreach, education, and media (OEM) <input type="checkbox"/> Short courses and topical meetings (STM) <input type="checkbox"/> Feedback and networking (EMRP) <input type="checkbox"/> Administrative meetings (AM) | <ul style="list-style-type: none"> <input type="checkbox"/> Atmospheric Sciences (AS) <input type="checkbox"/> Biogeosciences (BG) <input type="checkbox"/> Climate: Past, Present, Future (CL) <input type="checkbox"/> Cryospheric Sciences (CR) <input type="checkbox"/> Earth Magnetism & Rock Physics (EMRP) <input type="checkbox"/> Energy, Resources and the Environment (ERE) <input type="checkbox"/> Earth & Space Science Informatics (ESSI) <input type="checkbox"/> Citizen-Science <input type="checkbox"/> Big Data in the Geosciences <input type="checkbox"/> Communicating and Mitigating Natural Risks | <ul style="list-style-type: none"> <input type="checkbox"/> Geochemistry, Mineralogy, Petrology & Volcanology (GM/PS) <input type="checkbox"/> Hydrological Sciences (HS) <input type="checkbox"/> Natural Hazards (NH) <input type="checkbox"/> Nonlinear Processes in Geosciences (NP) <input type="checkbox"/> Ocean Sciences (OS) <input type="checkbox"/> Planetary & Solar System Sciences (PS) <input type="checkbox"/> Seismology (SM) <input type="checkbox"/> Stratigraphy, Sedimentology & Palaeontology (SSP) <input type="checkbox"/> Soil System Sciences (SSS) <input type="checkbox"/> Solar-Terrestrial Sciences (ST) <input type="checkbox"/> Tectonics & Structural Geology (TS) <input type="checkbox"/> Geosciences Instrumentation & Data Systems (GI) <input type="checkbox"/> Geomorphology (GM) |
|--|--|---|

Scientific Program of the GA and for Seismology

- The meeting is increasing continuously, in number of people and number of abstracts, but the venue is fixed in size
- Scheduling will be increasingly difficult: 2016, ~20 abstracts were needed for an oral block, in 2017 already ~22.
- Many small sessions are likely to be merged, or *poster only*
- ***PICO sessions are a very good alternative***
- The skeleton program for GA18 will be developed until 09/17

Agenda & Topics

- Welcome
- Awards & Medals
- Meeting & Session Statistics
- Structure of the Seismology Division
- Any other business

Structure of the Seismology Division

President	Paul Martin Mai	sm@egu.eu
Deputy President	vacant	-
Programme Group Chair	Paul Martin Mai	sm@egu.eu
Science Officers	Damiano Pesaresi Seismic Instrumentation & Infrastructure	dpesaresi@inogs.it
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	Fabrice Cotton Engineering Seismology and Seismic Hazard	fcotton@gfz-potsdam.de
	Aldo Zollo Real-Time Seismology and Early Warning	aldo.zollo@unina.it

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EGU Point of
contact



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PhD student
at ETH Zurich



Lucia Gualtieri
Post-doc at
Columbia
University



Kathrin Spieker
Researcher at
University of
Leipzig



Koen Van Noten
Post-doc at
Geological Survey
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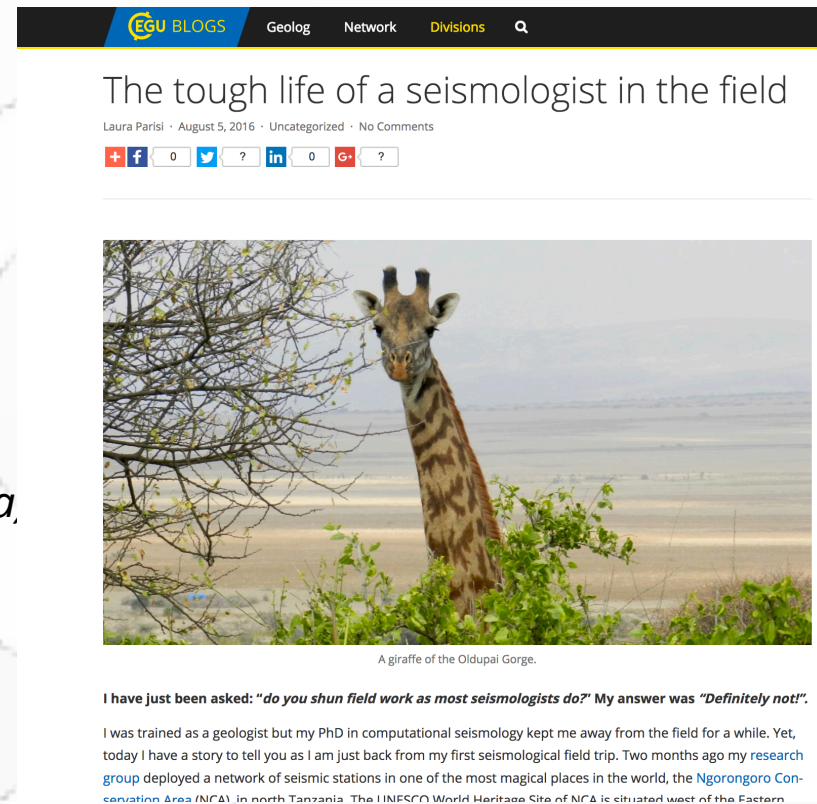


Matthew Agius
Post-doc at
University of
Southampton

EGU Seismology Division BLOG

<http://blogs.egu.eu/divisions/sm/>

- Official EGU blog
- Editors: *Laura Ermert* and *Laura Parisi*
- Writers: *ECS-reps team*, guest writers (e.g., *Iris van Zelst*)
- **Paper of the month** (contributors: *Olaf Zielke*, *Martin Mai*, *Jess Johnson*, *Derek Keir*, *Luca De Siena*, *Andreas Fichtner*, *Andrew Valentine*).
- **VOLUNTEERS NEEDED! Hands up NOW!**
- Topics of general seismological interest
- Seismology events (conferences, workshops, ...)




EGU BLOGS Geolog Network Divisions Q

The tough life of a seismologist in the field

Laura Parisi · August 5, 2016 · Uncategorized · No Comments

[+](#) [f](#) 0 [t](#) ? [in](#) 0 [G+](#) ?



A giraffe of the Oldupai Gorge.

I have just been asked: "do you shun field work as most seismologists do?" My answer was "Definitely not!"

I was trained as a geologist but my PhD in computational seismology kept me away from the field for a while. Yet, today I have a story to tell you as I am just back from my first seismological field trip. Two months ago my [research group](#) deployed a network of seismic stations in one of the most magical places in the world, the [Ngorongoro Conservation Area \(NCA\)](#) in north Tanzania. The UNESCO World Heritage Site of NCA is situated west of the Eastern

EGU Seismology Division FACEBOOK PAGE

<http://blogs.egu.eu/divisions/sm/>

- Managed by ECS-reps team
- Links to SM Division blog
- General Assembly highlights during General Assembly

We joined the SM Division!



EGU Seismology Division TWITTER

https://twitter.com/egu_seismo

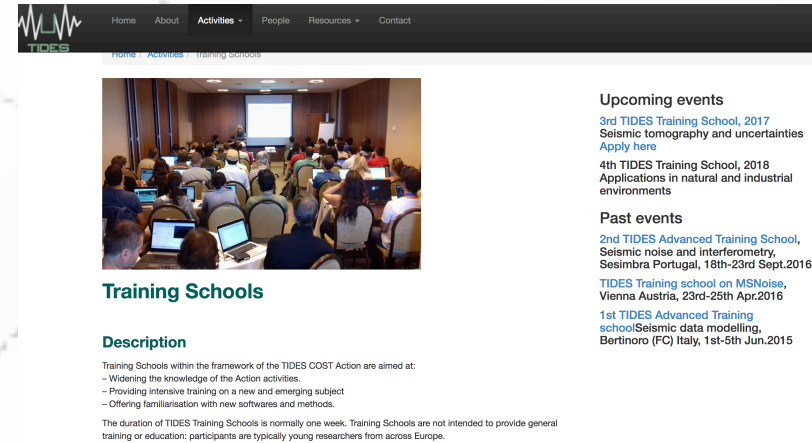
- Managed by ECS-reps team
- Links to SM Division blog
- General Assembly highlights during General Assembly



The screenshot shows the Twitter profile for EGU Seismology (@EGU_Seismo). The profile header includes the SM EGU logo, 64 tweets, 51 following, 63 followers, and 1 like. The bio states: "Twitter page of the EGU Seismology Division, which coordinates the scientific programme on Seismology and activities carried out by its members." The website link is egu.eu/sm/home/ and it was joined in May 2016. A tweet from @EuroGeosciences dated April 7 is featured, announcing a visibility survey: "The @EGU_Seismo Division wants to know how members are following the division's activities online: egu.eu/48CU6E". The tweet includes a graphic with the text "Seismology Division EGU" and "EGU Seismology Division 2017 visibility survey".

EVENTS

- EGU proposal for topical event (Laura Parisi and Lucia Gualtieri)
- ECS career event embedded in the 3rd TIDES training school [9–14 July 2017, Oxford, UK] (COST ACTION)
- Seismology Division Social Event **TONIGHT @ 8pm, JOIN FOR NETWORKING, DRINKS AND DINNER!** [Mel's, Wipplingerstraße 9, Vienna]



The screenshot shows the 'Activities' page of the TIDES website. It features a navigation menu at the top with 'Home', 'About', 'Activities', 'People', 'Resources', and 'Contact'. Below the menu is a large photograph of a training school session with participants at laptops. To the right of the photo, there is a section for 'Upcoming events' listing the 3rd TIDES Training School (2017) and the 4th TIDES Training School (2018). Below that is a 'Past events' section listing the 2nd TIDES Advanced Training School (2016) and the 1st TIDES Advanced Training School (2015). A 'Description' section explains the goals of the training schools, such as widening knowledge and providing intensive training on new subjects.



The poster is for a 'SEISMOLOGY DIVISION SOCIAL EVENT' held on Wednesday, April 26 at 20h. The event is hosted at Mel's Craft Beers & Diner, which has been established since 2014. The address is Wipplingerstraße 9, 1010 Wien. The poster warmly invites seismologists and seismo-friendly people to join for drinks and food. It is organized by ECS representatives of the SM Division. A small map in the bottom right corner shows the location of the venue in Vienna.

GET INVOLVED!

- Follow blog and twitter, like the facebook page
- Give us feedback on EGU, SM Division, General Assembly, ...
- Blog writing
- Ideas
- Next ECS representatives

Contact us ecs-sm@egu.eu

Structure of the Seismology Division

- EGU is a bottom-up organization, and we – as a division – are rather flexible on how to organize ourselves
- Possible additions / changes?
 - Science Officers: *other fields to cover?*
 - Deputy President: *vacant, to be filled!*

Structure of the Seismology Division

President	Paul Martin Mai	sm@egu.eu
Deputy President	vacant	-
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	Lucia Gualtieri	luciag@deo.columbia.edu
	Kathrin Spieker	kathrin.spieker@uib.no
	Koen Van Noten	koen.vannoten@seismology.be

Deputy President for the Seismology Division

- Helps to coordinate with Science Officers and other divisions to build a strong and coherent seismology program for the GA
- Assists the Division President, and replaces him/her if needed, in official EGU matters (e.g. Council Meetings)
- Could be the designated next Division President

Deputy President for the Seismology Division / Election of next division president

“Election of a new division president for divisions with a president who starts her/his second term now and who is outgoing in 2019:”

- *Elections in autumn 2017 with 2 candidates minimum*
- *The elected person will become incoming division deputy president (“president-elect” at the GA 2018, and then division president at the GA 2019*
- *These divisions have an appointed division deputy president for GA 2017 to GA 2018 (who needs to be approved by the division meeting of the GA 2017).*

Structure of the Seismology Division

- EGU is a bottom-up organization, and we – as a division – are pretty flexible on how to organize ourselves
- Possible additions / changes?
 - Science Officers: *other fields to cover?*
 - Deputy President: *vacant, to be filled !*

Proposal: Philippe Jousset (GFZ Potsdam) –
Crustal Fluids and Seismic Activity

Structure of the Seismology Division

Planning for 2018 and beyond

- **Beno Gutenberg Medal**
 - Expand the Committee to include a non-medalist?
 - *Many divisions have this implemented*
 - *Broaden the vision of the committee*
 - *Could be a past division president*
 - Move the medal lecture to an evening slot (7-8 pm)
 - *Frees up four oral slots for the general SM session*
 - *Avoids clash with division meeting and other sessions*
 - *Could include a catered event (sponsoring needed!)*

Structure of the Seismology Division

Planning for 2018 and beyond

- **Proposing & Planning Sessions for GA**
 - Try to connect early with colleagues
 - Try to think inclusive & cooperative; large integrative sessions are easier to schedule and “stronger” than many small fragmented sessions
 - Communicate with co-organizing divisions to agree where the Seismology Division should be the leading division
 - Seek input from division president and section officers

Agenda & Topics

- Welcome
- Awards & Medals
- Meeting & Session Statistics
- Structure of the Seismology Division
- Any other business

Topical Events / Conferences / Workshops

Promote the exchange of science and
increase the visibility of EGU

total: 90 proposals, ~20 funded, avg. 2000 EUR

Funded events

- EGU Galileo Conferences
- Conferences series
- Co-sponsored events
(Topical events, workshops, training schools)

EGU Galileo Conferences (two funded)

6-9 June 2017

From process to signal-advancing environmental seismology

Ohlstadt, Germany

EGU Conference Series

27-31 August 2017

*15th International Workshop on Modelling of Mantle
and Lithosphere Dynamics, Putten, Netherlands*

GA Survey

www.egu2017.eu/feedback

- Distribution:
 - via email to participants and EGU members after the GA
 - links on social media & blog
 - egu2017.eu website
 - Flyers/cards in Vienna
- Survey live during GA, until mid June



Final remarks

- Don't forget the deadlines for award nominations: June 15 !
- Planning for the GA18 begins in summer, until mid Sept !
- Engage with the ECS-reps; write for the Seismo-Blog !
- Enjoy the rest of the meeting !

contact to discuss division matters

Martin Mai | sm@egu.eu

martin.mai@kaust.edu.sa

! the division lives from y/our initiatives !