



Annual Symposium  
4-7 September 2018  
Athens, Greece



[www.ssiem2018.org](http://www.ssiem2018.org)

SSIEM SOCIETY FOR THE  
STUDY OF INSURAN ERRORS  
OF METABOLISM

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4-7 September 2018  
Athens, Greece



**Old Roads - New Connections**



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**Tuesday 4th September**

**14.30-16.00 : Plenary Session1: Biochemical Defects as Developmental Disorders**

14.30 -15.00 Biochemical defects leading to abnormal CNS development  
Jutta Gartner, Germany

15.00 - 15.30 Bone development and remodeling in metabolic disorders  
Daniel Grinberg, Spain

15.30 - 16.00 Lessons from Pluripotent stem cell models  
Angel Raya, Spain

**16.30-18.00 Plenary Session2: Inborn Errors of Metabolism and the Immune System**

16.30 – 17.00 Glycosylation and Human Immune System Function  
Paula Videira, Portugal

17.00-17.30 The immune system in IEM  
Nick Platt, UK

17.30 – 18.00 IEM and cancer: the case of Gaucher disease  
Pram Mistry , USA

18.00 – 18.30 GARROD AWARD LECTURE:Triheptanoinversus trioctanoin for long-chain fatty acid oxidation defects  
M. Gillingham USA



**Wednesday 5th September**

**09.00 -10.30**

**Parallel Sessions**

PS1A

Educational Session

Diagnostic Challenges in the Era of WES/WGS

Stephanie Gruenewald , UK ;Gert Matthijs , Belgium ;Frederic Vaz , NL

PS 1B

Glycosylation and Carbohydrate disorders

PS 1C

New Treatments

PS 1D

Phenylketonuria and Neurotransmitter Disorders

**11.00 -12.30**

**Plenary Session3:Old Players in New Roles**

11.00 -11.30

Cholesterol: more than meets the eye

Fran Platt, UK

11.30 – 12.00

Mitochondria and neurodegeneration

Patrick Chinnery ,UK

12.00 – 12.30

IEMs as risk factors of Parkinson disease

Leonidas Stefanis , Greece



**14.00-15.30 Parallel Sessions 2**

- PS2A Nutrition and Dietetics  
Update Lecture : Long Term Effects of Special Diets  
Angela Garcia , Spain
- PS2B Lysosomal Storage Disorders  
Update Lecture : Neuronal Ceroid Lipofuscinoses
- PS2C Novel Diagnostic Approaches

**16.00 - 17.30 Plenary Session 4: Next-Generation Diagnostics**

- 16.00 -16.30 C13 dynamic studies in fibroblasts  
Bart Ghesquière, Belgium
- 16.30 -17.00 Transcriptomics in rare disease diagnosis  
Holger Prokisch, Germany
- 17.00 -17.30 Discovering new pathways and diseases .The role of Metabolomics  
Ron Wevers , NL



## Thursday 6th September

### 09.00-10.30 Plenary Session 5: Metabolic Pathways and Subcellular Organelles: New Connections

09.00 - 09.30 One gene, one enzyme,... several reactions ! How do we deal with enzyme promiscuity?

Emile Van Schaftingen ,Belgium

09.30 -10.00 Bridging the gap: linking cellular metabolism and protein glycosylation in the Golgi

Dirk Lefeber, NL

10.00 -10.30 Organelle interplay - peroxisome interactions in health and disease

Michael Schrader,UK

### 11.00 -12.30 Parallel Sessions 3

PS3A Mitochondrial Disorders

Update lecture: What is New in Mitochondrial Disorders

Robert Taylor ,UK

PS3B Disorders of fatty acid and ketone metabolism

PS3C Peroxisomal Disorders

PS3D IEM as Autophagy Disorders

Update lecture: IEM and Autophagy

Darius Ebrahimi – Fakhari, USA



**14.00 – 15.30 Parallel Sessions 4**

- PS4A Amino Acid Disorders and Organic Acidurias  
Update lecture : BCAA metabolism from rare to more common disorders  
Gaia Novarino , Austria
- PS4B Disorders of Vitamins, cofactors , trace elements and  
Miscellaneous disorders
- PS4C Metabolic Disorders in Adults

**Friday 7th September**

**09.00-10.30 Plenary Session 6: Treating Inborn Errors of Metabolism**

09.00 -09.30 Treating Lysosomal Storage Diseases: What have we learnt?  
Robin Lachman,UK

09.30 – 10.00 Lessons from brain energy metabolism: therapy outcome measures in clinical trials  
Fanny Mochel, France

10.00 -10.30 Beyond gene therapy  
Marianne Rots , NL

**11.00 -12.00 Komrower Lecture:** Restoring missing metabolites-From bile acids to B6  
Peter Clayton UK

12.00 -13.00 Late Breaking News



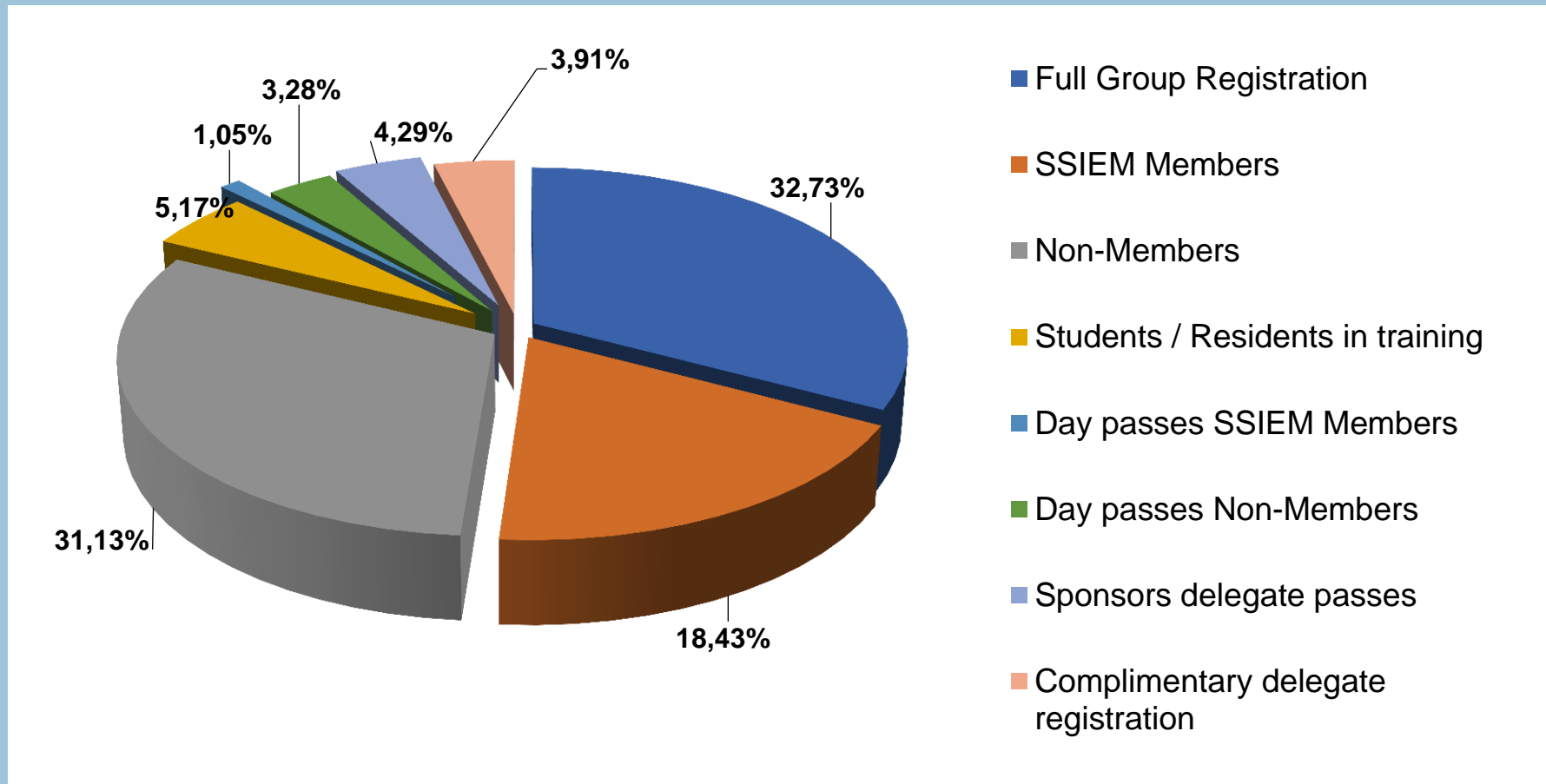
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**2.702** Registered Attendees  
Out of which **2.377** delegates  
(i.e. excluding acc. persons & exhibitors)

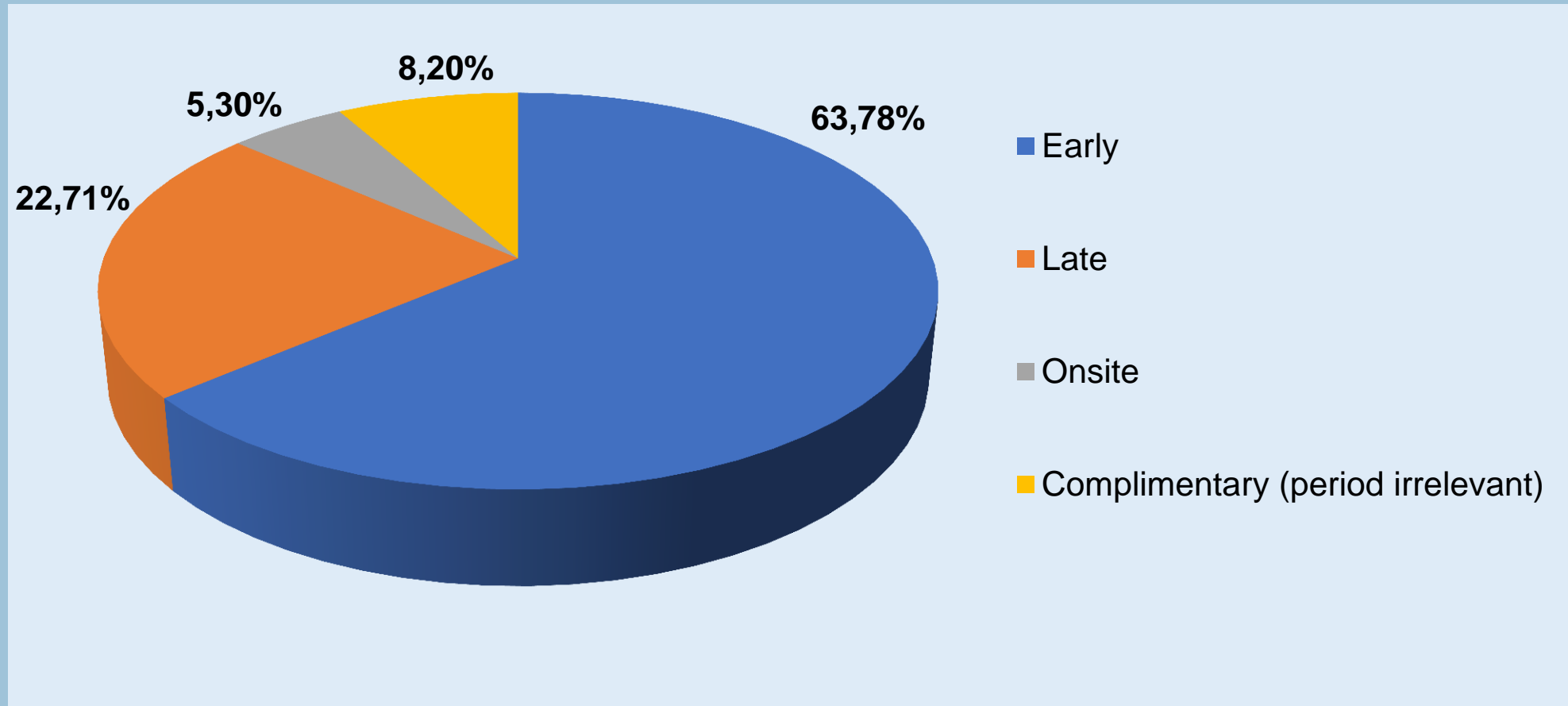


# Delegate registration breakdown per category





## Registration per period





## Delegate registration breakdown per country



USA	273	Poland	43	Czech Republic	23
United Kingdom	197	Argentina	41	Norway	21
Germany	149	Austria	37	Ireland	20
Italy	140	Canada	35	Colombia	18
Netherlands	112	Denmark	33	Taiwan	15
Turkey	112	Saudi Arabia	33	UAE	14
Spain	97	Israel	31	Tunisia	13
France	91	Algeria	30	Mexico	13
Greece	84	Russian Federation	30	Morocco	12
Switzerland	69	Brazil	27	Estonia	12
Belgium	61	Finland	27	Hungary	12
Japan	55	Iran	24	India	12
Sweden	54	Korea	24	Slovakia	12
Portugal	45	Australia	23	Ukraine	12





## Delegate registration breakdown per country



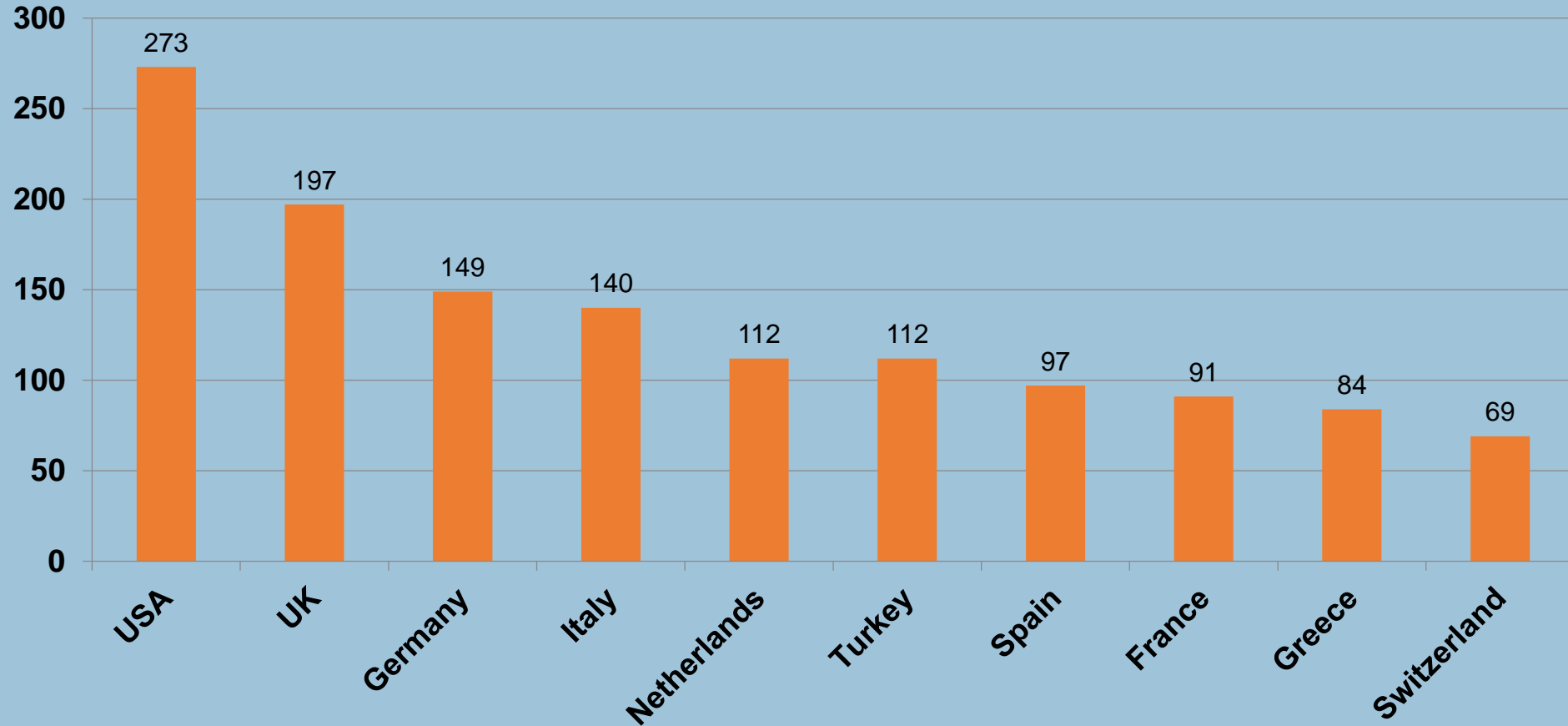
Lithuania	11	Latvia	6	Jordan	2
Romania	11	Libya	6	Luxembourg	2
Croatia	10	Chile	5	Malta	2
Indonesia	9	Georgia	4	Montenegro	2
Hong Kong	8	Malaysia	4	Pakistan	2
Lebanon	8	Moldova	4	Singapore	2
Qatar	8	New Zealand	4	Thailand	2
Belarus	7	Serbia	4	Azerbaijan	1
Bulgaria	7	South Africa	4	Bahrain	1
Cyprus	7	Vietnam	4	Guatemala	1
Egypt	7	Albania	3	Iceland	1
Slovenia	7	Kazakhstan	3	Oman	1
China	6	Kuwait	3	Palestine	1
Iraq	6	Costa Rica	2		



→ 83 countries represented

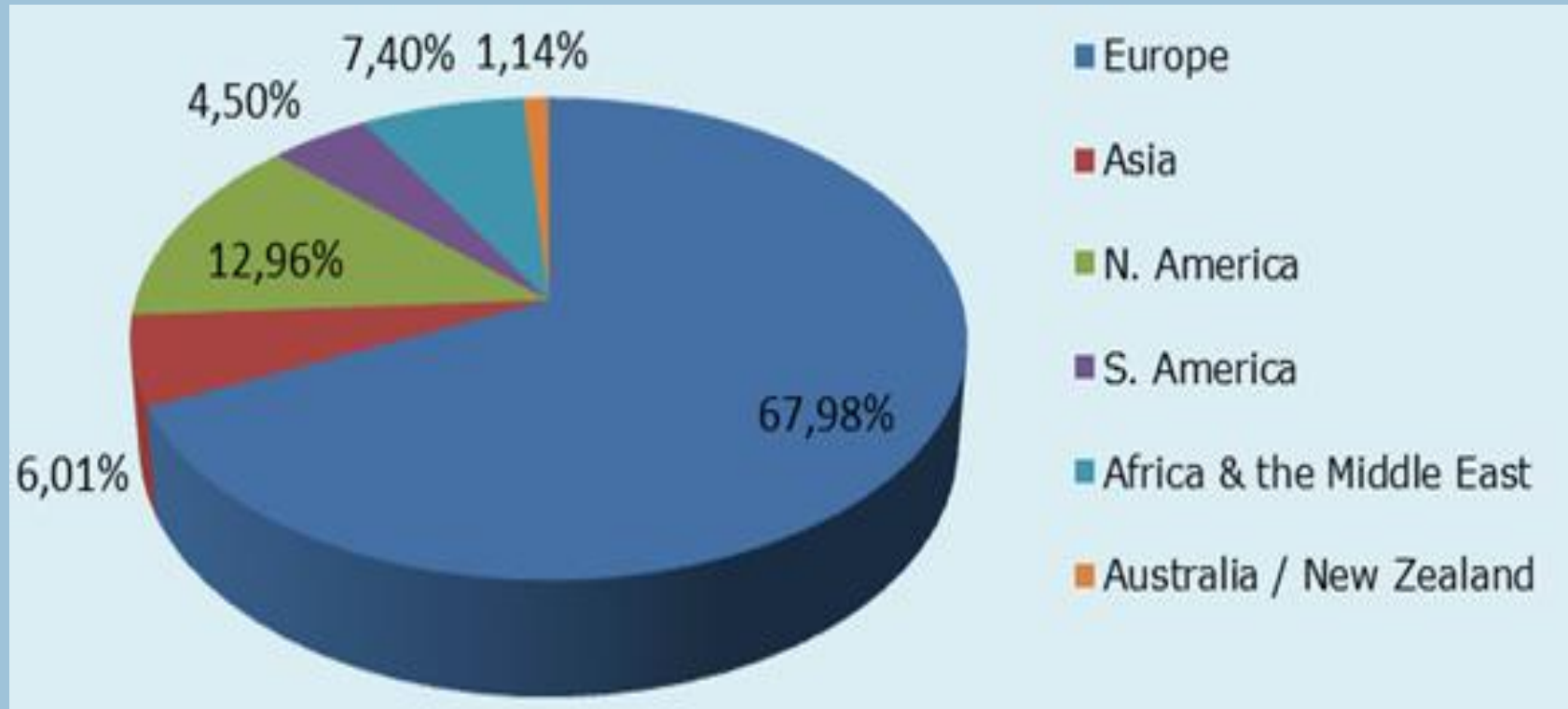


# Delegate registration: Top 10 countries representation



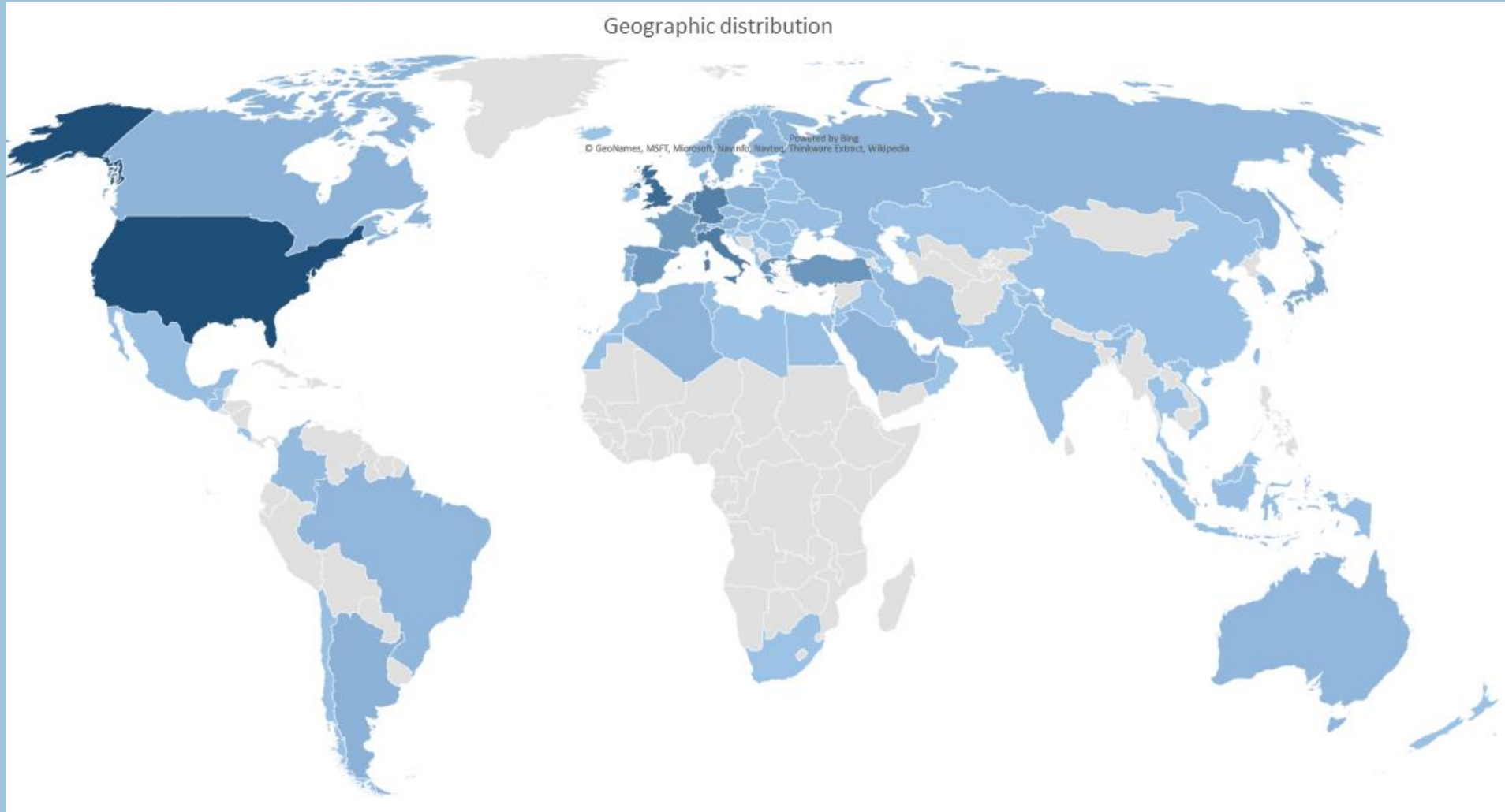


## Delegate registration: Breakdown per continent





Geographic distribution



**SSIEM** ATHENS 2018  
 Old Roads, New Connections

4-7 September 2018, Athens, Greece HEGMON ATHENS INTERNATIONAL CONFERENCE CENTER (MAICC)

# Annual Symposium



[www.ssiem2018.org](http://www.ssiem2018.org)

**SSIEM** SOCIETY FOR THE STUDY OF INBORN ERRORS OF METABOLISM

SSIEM App Venue Floor Plans

## Programme at a Glance

### MAICC Overview



Monday   September 3, 2018	Tuesday   September 4, 2018	Wednesday   September 5, 2018	Thursday   September 6, 2018	Friday   September 7, 2018
<p><b>08:00-09:00</b> Registration</p> <p><b>09:00-10:00</b> Welcome Breakfast</p> <p><b>10:00-11:00</b> Opening Ceremony</p> <p><b>11:00-12:00</b> Coffee Break</p> <p><b>12:00-13:00</b> Lunch</p> <p><b>13:00-14:00</b> Session 1: Inborn Errors of Metabolism</p> <p><b>14:00-15:00</b> Coffee Break</p> <p><b>15:00-16:00</b> Session 2: Inborn Errors of Metabolism</p> <p><b>16:00-17:00</b> Coffee Break</p> <p><b>17:00-18:00</b> Dinner</p>	<p><b>08:00-09:00</b> Registration</p> <p><b>09:00-10:00</b> Welcome Breakfast</p> <p><b>10:00-11:00</b> Session 3: Inborn Errors of Metabolism</p> <p><b>11:00-12:00</b> Coffee Break</p> <p><b>12:00-13:00</b> Lunch</p> <p><b>13:00-14:00</b> Session 4: Inborn Errors of Metabolism</p> <p><b>14:00-15:00</b> Coffee Break</p> <p><b>15:00-16:00</b> Session 5: Inborn Errors of Metabolism</p> <p><b>16:00-17:00</b> Coffee Break</p> <p><b>17:00-18:00</b> Dinner</p>	<p><b>08:00-09:00</b> Registration</p> <p><b>09:00-10:00</b> Welcome Breakfast</p> <p><b>10:00-11:00</b> Session 6: Inborn Errors of Metabolism</p> <p><b>11:00-12:00</b> Coffee Break</p> <p><b>12:00-13:00</b> Lunch</p> <p><b>13:00-14:00</b> Session 7: Inborn Errors of Metabolism</p> <p><b>14:00-15:00</b> Coffee Break</p> <p><b>15:00-16:00</b> Session 8: Inborn Errors of Metabolism</p> <p><b>16:00-17:00</b> Coffee Break</p> <p><b>17:00-18:00</b> Dinner</p>	<p><b>08:00-09:00</b> Registration</p> <p><b>09:00-10:00</b> Welcome Breakfast</p> <p><b>10:00-11:00</b> Session 9: Inborn Errors of Metabolism</p> <p><b>11:00-12:00</b> Coffee Break</p> <p><b>12:00-13:00</b> Lunch</p> <p><b>13:00-14:00</b> Session 10: Inborn Errors of Metabolism</p> <p><b>14:00-15:00</b> Coffee Break</p> <p><b>15:00-16:00</b> Session 11: Inborn Errors of Metabolism</p> <p><b>16:00-17:00</b> Coffee Break</p> <p><b>17:00-18:00</b> Dinner</p>	<p><b>08:00-09:00</b> Registration</p> <p><b>09:00-10:00</b> Welcome Breakfast</p> <p><b>10:00-11:00</b> Session 12: Inborn Errors of Metabolism</p> <p><b>11:00-12:00</b> Coffee Break</p> <p><b>12:00-13:00</b> Lunch</p> <p><b>13:00-14:00</b> Session 13: Inborn Errors of Metabolism</p> <p><b>14:00-15:00</b> Coffee Break</p> <p><b>15:00-16:00</b> Session 14: Inborn Errors of Metabolism</p> <p><b>16:00-17:00</b> Coffee Break</p> <p><b>17:00-18:00</b> Dinner</p>









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## Networking Activities

**916** delegates attended

Most popular: Acropolis Hill & Plaka  
tour



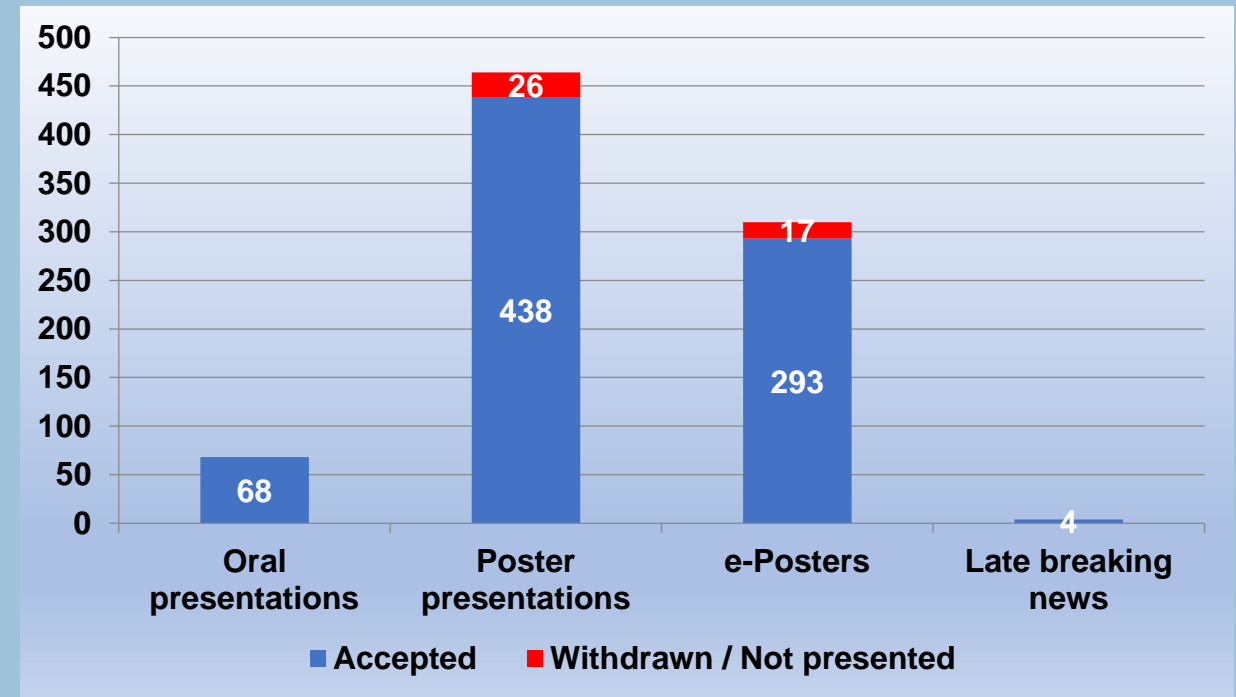
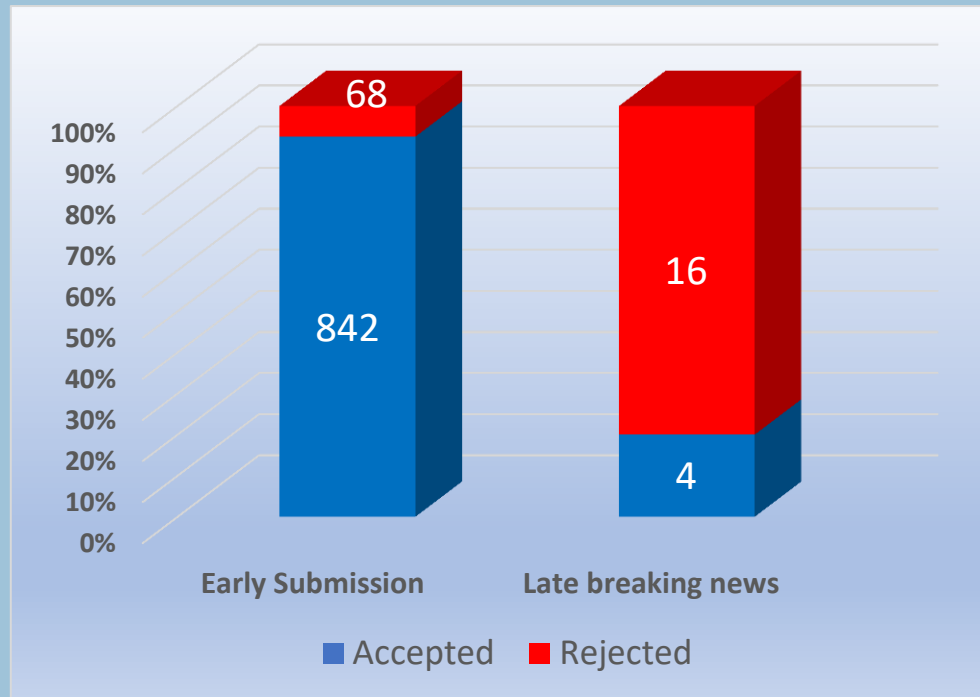


## Networking Dinner

**1.149** people signed up to our Networking Evening Event at Technopolis, Gazi!



## Abstract statistics





## SSIEM 2018: Innovative ideas

- **Educational session** on “Diagnostic challenges in the “OMICS” era”
- **e-Posters** (presentation alternative to printed posters / solution for low-cost inclusion of borderline abstracts)
- **Self-registration** (No queues, group pick-up service, self-check-in stations)
- **«Eco friendly» congress:** badge, program at a glance, plastic free lunch boxes, metal water bottle
- **Donation of surplus materials –food to charities**

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MEGARON ATHENS INTERNATIONAL CONFERENCE CENTER (MIICC) [www.ssiem2018.org](http://www.ssiem2018.org)



SSIEM

## On-site registration

Fill in the online registration form and visit the cashier for payment

## Self check-in

For pre-registered delegates. Pick up your badge quickly and avoid long queues

## Online evaluation

Fill in the online evaluation form and pick up your Certificate of Attendance

SSIEM App



Organising Secretariat  
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A total of **38 sponsors** supported the 2018 Symposium

**36 exhibition booths** booked

A total of **16 sponsored symposia**

(5: 7.30-8.30

7: 12.45-13.45

4: 18.30- 19.30)

# PLATINUM SPONSORS



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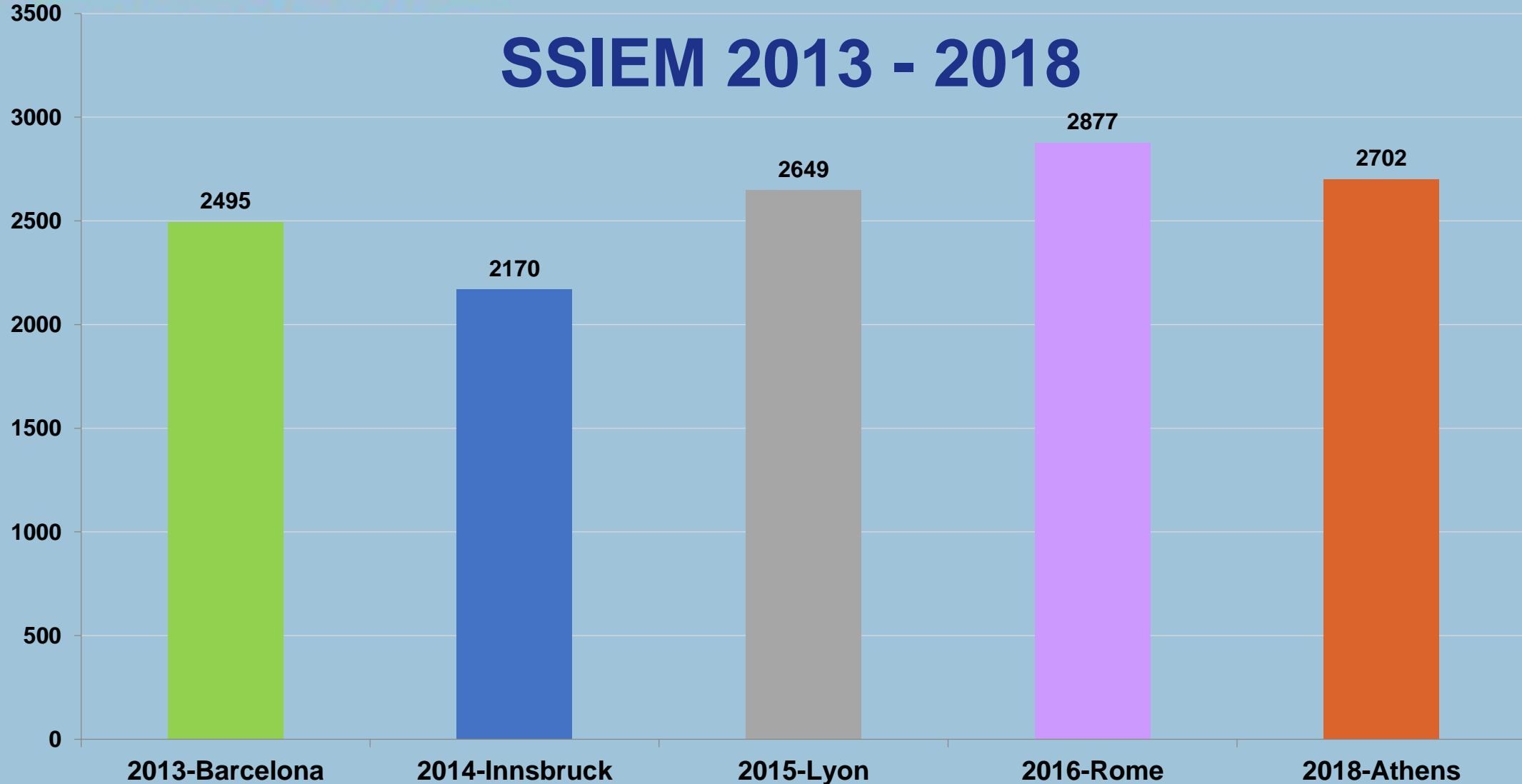


## SSIEM 2018 vs 2016

	Rome	Athens
Attendees	2877	2702
Abstracts presented	702	803
Sponsors	29	38



## SSIEM 2013 - 2018





Category	Number of respondents	Mean score (0-10)
Quality of the event	604	9.20
Relevance of the event	603	9.24
Suitability of formats used during the event	598	9.03
Ways the event affected the participant's practice	601	9.32
Commercial bias (lack off)	603	9.49