

Update on 2010 conference - IOC meeting Sept. 21, 2009

IRMMW-THz 2010

35TH INTERNATIONAL CONFERENCE ON INFRARED, MILLIMETER, AND TERAHERTZ WAVES

ROME - ITALY

ANGELICUM CONGRESS CENTRE

SEPTEMBER 5 - 10, 2010

Abstract due deadline : April 2, 2010

Notification of acceptance : May 21, 2010

Final papers due : June 25, 2010



HOSTED BY



International Society for Infrared,
Millimeter, and Terahertz Waves

TECHNICAL CO-SPONSORSHIPS

IEEE Microwave Theory
and Techniques Society

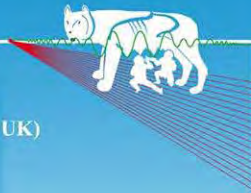


CONFERENCE ORGANIZERS

General Chair: Kenneth J. Button

Conference Chair: G.P. Gallerano (ENEA-Frascati)

Honorary Chair: M.F. Kimmitt (University of Essex, UK)



LOCAL ORGANIZING COMMITTEE

G. Bartolomei, M. Cimino, F. Miglietta, D. Remoli (Secretariat, ENEA-Frascati)

A. Doria, E. Giovenale, A. Petralia, V. Surrenti (ENEA-Frascati)

M. Ortolani (CNR-IFN, Rome)

R. Beccherelli (CNR-IMM, Rome)

A. Marcelli (INFN-LNF)

M. Vitiello (University of Bari)

S. Lupi (University of Rome "La Sapienza")

C. Paoloni (University of Rome "Tor Vergata")

PROGRAM COMMITTEE

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A. Ramundo (CNR-INMM)

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S. Biedron (Sincrotrone Trieste)

B. Bisceglia SJ (University of Salerno)

P. Calvani (University of Rome "La Sapienza")

A. Di Carlo (University of Rome "Tor Vergata")

G. Ghione (Politecnico di Torino)

G. Scamarcio (University of Bari)

G. Sironi (University of Milano Bicocca)

INTERNATIONAL ORGANIZING COMMITTEE

T. Bird, Australia - M. Chamberlain, UK - J.L. Coutaz, France - B. Danly, USA - G.P. Gallerano (Vice Chair), Italy - T.V. George, USA - A. Hadni, France - Q. Hu, USA - M. Koch, Germany - J. Leotin, France - A. Litvak, Russia - N. Luhmann, USA - R. Miles, UK - D. Mittleman, USA - K. Mizuno (former Chair), Japan - M. Motokawa, Japan - G. Neil, USA - G. Nusinovich, USA - G.S. Park (acting), Korea - T. Parker (former Chair), UK - K. Sakai, Japan - X. Shen, China - L. Shenggang, China - P.H. Siegel (Chair), USA - R.J. Temkin (former Chair), USA - M. Thumm, Germany - M.Q. Tran, Switzerland - K. Wood, UK - X.-C. Zhang, USA

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IRMMW-THz 2010

Angelicum Congress Center

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65 m

Data di acquisizione delle immagini: 29 Lug 2007

41°53'43.70" N 12°29'16.75" E 49 m elev

278 m Alt

Puntatore 41°53'04.73" N 12°30'12.62" E elev 46 m

Streaming 100%

Alt 25.69 km

Image © 2007 TerraMetrics

Site location

LEGENDA:

- Ferrovia metropolitana
- Ferrovia regionale Roma - Viterbo
- Ferrovia regionale Roma - Pantano
- Ferrovia regionale Roma - Lido
- Metro linea A
- Metro linea B
- FS non stop Termini - Fiumicino aeroporto
- Stazione di scambio (metro-ferrovia)
- Parcheggio di scambio
- Capolinea bus extraurbani
- Limite di validità della tariffa urbana Metrebus Roma
- Stazione di prossima apertura
- Collegamento bus da FS Ciampino a Aeroporto Ciampino
- Roma entro il G.R.A. - Grande Raccordo Anulare
- Fiume Tevere - Fiume Aniene
- FM1 Orte - Fara Sabina - Tiburtina - Fiumicino aeroporto
- FM2 Roma - Tivoli
- FM3 Roma - Cesano di Roma
- FM4 Roma - Frascati/Albano/Velletri
- FM5 Roma - Cerveteri/Ladispoli - Civitavecchia
- FM6 Roma - Frosinone
- FM7 Roma - Campoleone - Nettuno/Latina

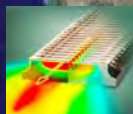




CNR - Ist. Fisica del Plasma, Milano

MMW in plasma

Scuola Normale Superiore di Pisa



IRMMW-THz 2010

ENEA-Frascati

Università di Bari



400 km
Puntatore 42°01'02.11" N 13°10'24.58" E

© 2007 Cnes/Spot Image
Image © 2007 GeoContent
Image NASA
Image © 2007 TerraMetrics
Streaming ||||| 100%

©2007 Google™

Alt 1267.42 km

Sponsors

- Sponsoring organizations include universities and government research institutes, as well as scientific societies covering a variety of disciplines in the spectral region from millimeter waves to the infrared.
- Industrial sponsorship, ranging from major companies to SME, which contribute to the technological development of terahertz and infrared systems and components is also foreseen.
- Local authorities will also contribute to the success of this initiative.

Government-Supported Research Institutes:

- Ente per le Nuove tecnologie, l'Energia e l'Ambiente (ENEA)
- Consiglio Nazionale delle Ricerche (CNR)
- Academic Societies
- Italian Physical Society
- Italian Chapter of IEEE-MTT

Universities:

- Universities of Rome “La Sapienza” and “Tor-Vergata”
- University of Bari
- Scuola Normale Superiore – Pisa

Regione Lazio

Committees

The Program Committee has been finalized in May 2009. The International Advisory Committee will be formed immediately after the Busan Conference.

Conference Chair: G.P. Gallerano (ENEA-Frascati)

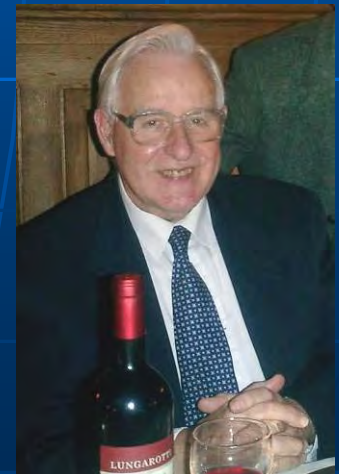
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- G. Sironi, University of Milano Bicocca)

***Honorary
Chair
Maurice F.
Kimmitt***



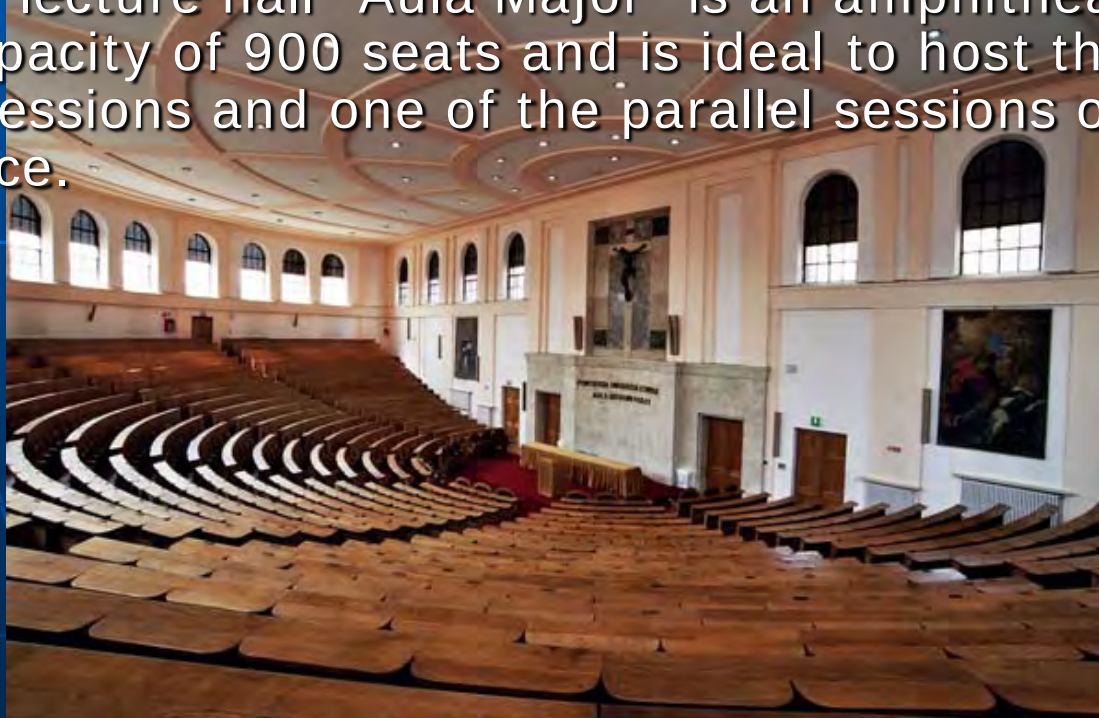
Topics

The conference will address the main scientific and technological developments of sources, detectors, components and systems in a wide spectral range extending from the infrared to the THz range and millimeter waves. It will focus on applications ranging from space technology to material science and art conservation, from biology and environment to medicine:

- IR, THz, and MMW Sources and novel generation schemes
- Gyro-Oscillators and Amplifiers, Plasma Diagnostics
- Free Electron Lasers and Synchrotron Radiation
- Detectors and Receivers
- Devices, Components and Instruments
- MMW systems, Transmission Lines and Antennas
- Ultra-fast Measurements
- IR, THz and MMW Spectroscopy and Material Properties
- Ultra High Speed MMW Digital Devices
- MMW and Submillimeter-Wave Radar and Communications
- IR, THz and MMW Astronomy and Environmental Science
- IR, THz and MMW Imaging and remote sensing
- Applications in art conservation studies
- Applications in Biology and Medicine
- Applications in Security and Defence
- IR, THz and MMW Novel Applications, Markets and Trend

Angelicum Facilities

- The “Angelicum Congress Center” is located at the Pontifical University S.Thomas Aquinas in the hearth of ancient Rome.
- It is fully equipped to host conferences and meetings with parallel events. Several rooms have been reserved for the IRMMW-THz 2010 Conference.
- The main lecture hall “Aula Major” is an amphitheater with a capacity of 900 seats and is ideal to host the plenary sessions and one of the parallel sessions of the Conference.



Angelicum Facilities

- An additional amphitheater and three lecture halls of different size can host up to four parallel sessions in classroom-style (with a capacity of 120 persons each).
- The “Sala Colonne” with an area of about 400 m² is available to host the Technical Exhibit.

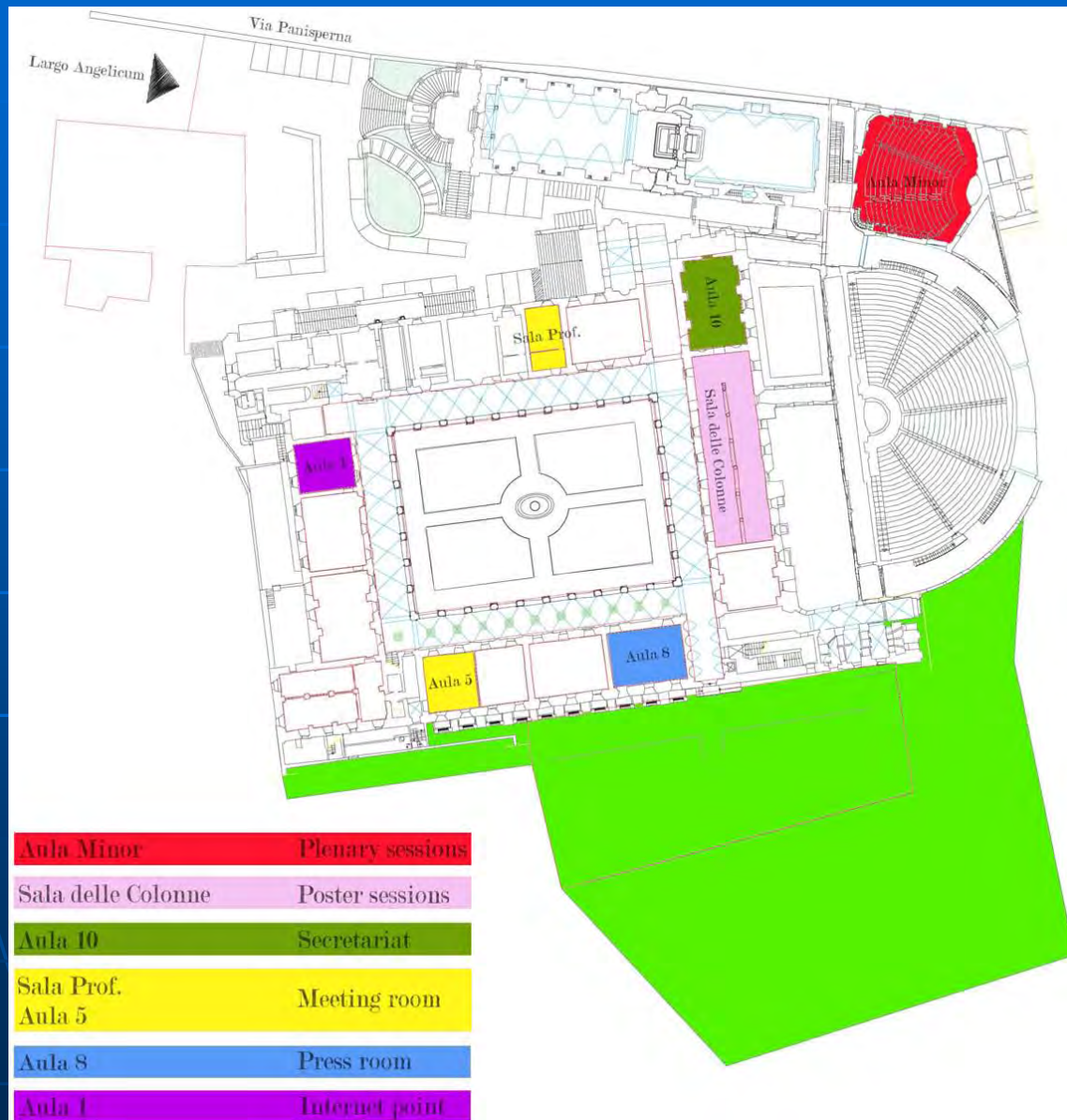


Angelicum Facilities

- A large cloister and a garden are available for registration, poster sessions, coffee breaks and relaxing moments to conference participants.



Angelicum Floor plan

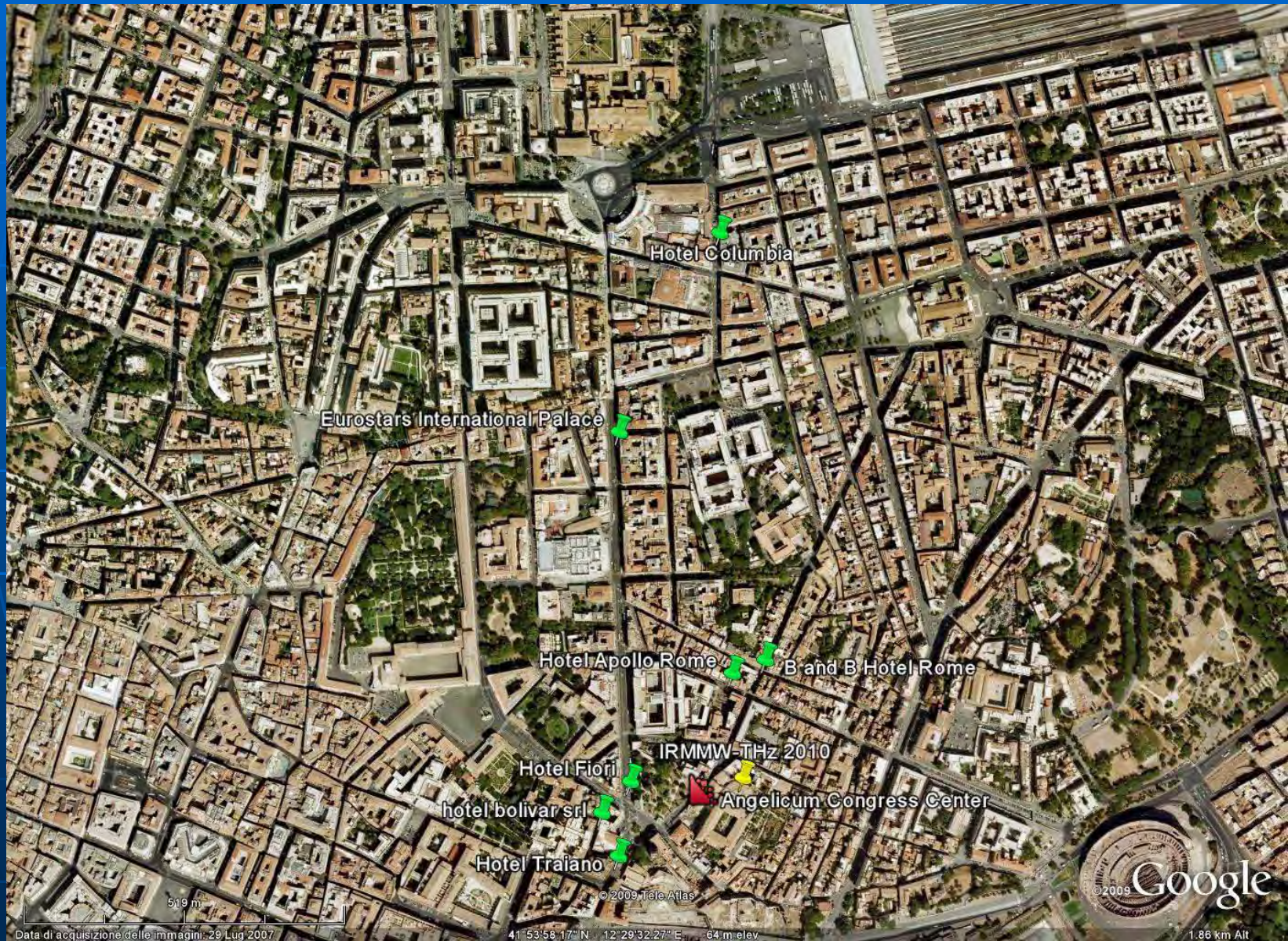


Accommodation

- There are several hotels in the area, ranging from three to five-star, offering room rates from 90 to 200 Euro.
- The easy and fast access (15 min. walking distance from Termini Station) to the Angelicum widens the choice to a full range of solutions.
- A list of preferred hotels offering special rates to the Conference participants will be provided.



Selected hotels location - Angelicum area



Nearby hotels – some examples

Cat.	Hotel	Single	Double
****	Ambra Palace	127	163
****	Atlantico	135	170
****	Eurostars International	149	189
****	Britannia	170	195
****	Columbia	124	153
****	Diana Roma	130	150
****	Quirinale	135	180
****	Massimo D'Azeglio	145	195
****	Mediterraneo	160	215
****	Pace Elvezia	135	200
****	Starhotel Metropole	165	165
****	Traiano	175	175
***	Alexandra	130	195
***	Anfiteatro Flavio	120	140
***	Canada	115	135
***	Medici	159	159
***	Modigliani	140	170
***	Priscilla	130	130

Corporate rates (Euro)

Conference Budget

Budget IRMMW-THz2010

participants Nmin Nmax
400 500

LECTURE HALL AND TECHNICAL EQUIPMENT

	5 days	VAT	TOTAL	Cost/pers. MIN	Cost/pers. MAX
Main Lecture Hall (Aula Major)	13.000,00	2.600,00	15.600,00		
Audio visual equipment Aula Major	4.000,00	800,00	4.800,00		
Kloister & garden	12.000,00	2.400,00	14.400,00		
Exhibit Area	6.000,00	1.200,00	7.200,00		
4 Rooms parallel sessions)	6.400,00	1.280,00	7.680,00		
Audio visual equipment	2.000,00	400,00	2.400,00		
Technical assistance	833,33	166,67	1.000,00		
Committee meeting room	1.633,33	326,67	1.960,00		
Cleaning	2.797,50	559,50	3.357,00		
ADSL & WiFi internet connection		0,00	0,00		
Surveillance	1.155,00	231,00	1.386,00		
Security	3.850,00	770,00	4.620,00		
	53.669,17	10.733,83	€ 64.403,00	€ 128,81	€ 161,01

BREAKS AND MEALS

	cost	quantity	cost/pp	n. particip.	VAT incl.	TOTAL			
					0,00	0,00			
Welcome reception	20,00	1	20,00	500	10.000,00	0,00	10.000,00		
Coffee Break	5,00	8	40,00	500	20.000,00	0,00	20.000,00		
Committee lunches	25,00	4	100,00	20	2.000,00	0,00	2.000,00		
Social Dinner	55,00	1	55,00	500	27.500,00	0,00	27.500,00		
			€ 215,00			€ 59.500,00	€ 215,00	€ 215,00	

Conference material

Conference bag & consumables	20,00	500,00			10.000,00	2.000,00	12.000,00		
Signs with logo					250,00	50,00	300,00		
Announcements	2,55			500,00	1.275,00	255,00	1.530,00		
Abstract book on USB-Key	20,00			500,00	10.000,00	2.000,00	12.000,00		
						€ 25.830,00	€ 51,66	€ 64,58	

Secretariat service and reg. fee handling

					8.000,00	1.600,00	€ 9.600,00	€ 19,20	€ 24,00
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Roma pass weekly card

	23,00	500,00				€ 11.500,00	€ 23,00	€ 23,00	
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Excursion					4.000,00	800,00	€ 4.800,00	€ 9,60	€ 12,00
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Contingency and other expenses						€ 10.000,00	€ 20,00	€ 25,00	
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€ 185.633,00 € 467,27 € 524,58

Conference Expenses

							€ 233.633,00	€ 209.833,00	
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waived speakers				20					
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Support to selected speakers	2.200,00			10			€ 22.000,00	€ 22.000,00	
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Total Expenses € 256.100,27 € 232.357,58

Conference Budget

Revenues

Registration fees	€ 470,00		€ 225.600,00	€ 178.600,00
Exhibit fees	€ 2.000,00	10,00	€ 20.000,00	€ 20.000,00
Total fees			€ 245.600,00	€ 198.600,00
Contribution from ENEA			€ -	€ 22.000,00
Contribution from sponsors			€ 12.000,00	€ 12.000,00
Total revenues			€ 257.600,00	€ 232.600,00

The initiative, including provisional budget was formally approved by ENEA in June 2008

An amount of 100.000 Euro has recently been allocated and anticipated by ENEA

The budget will be regularly updated as sponsors revenues become available

Registration fees

	Member	Student	Optional Item
IRMMW-THz 2010 Rome	Eur 470 Eur 550 after July 1	Eur 400	Excursion & Banquet for companions
	Registration includes : Admission to all sessions, coffee breaks, Welcome reception, Excursion & Banquet, proceedings on USB-key		
IRMMW-THz 2009 Busan	\$550 (\$600 after July 1)	\$450 ((\$500 after July 1)	Banquet ticket, US\$50 each
IRMMW-THz 2008 Pasadena	\$550 (Early bird \$500, Later \$600)	\$450 (Early bird \$400, Later \$500)	

Key dates

- **Pre-registration online:**
(no payment due) **Oct. 12, 2009 – Feb. 27, 2010**
- **First call for papers:** **February 1, 2010**
- **Abstracts submission deadline:** **April 2**
- **Acceptance of papers :** **May 21**
- **Final Paper Submission** **June 25**
- **Early registration:** **n/a**
- **Regular Registration :** **March 1 to June 11**
(470 Eur incl. banquet)
- **Incentive:** **5 free student reg. will be drawn if at least**
200 regular participants register by Apr. 30
- **Late Registration :** **June 11 to September 10**
(550 Eur incl. banquet)
- **Conference dates :** **September 5 - 10, 2010**
- **Satellite event:** **September 12 -14, 2010**
(Florence - t.b.a.)

Draft schedule

	Sunday Sept. 05	Monday. Sept. 06	Tuesday Sept. 07	Wednesday Sept. 08	Thursday Sept. 09	Friday Sept. 10	papers
08:00 - 9:00		Registration	Registration	Registration	Registration		
09:00-10:30		2 Plenary Talks	2 Plenary Talks	2 Plenary Talks	2 Plenary Talks	2 Plenary Talks	10
10:30-11:00		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
11:00-12:30		4 parallel sessions	4 parallel sessions	4 parallel sessions	4 parallel sessions	4 parallel sessions	100
12:30-14:00		Int.Society Luncheon	IOC Luncheon	Button Prize Luncheon	JIMT Luncheon	Closing remarks	
14:00-15:30		5 parallel sessions	5 parallel sessions	5 parallel sessions			75
15:30-16:00		Coffee Break	Coffee Break	Coffee Break	Excursion		
16:00-17:30	Registration	5 parallel sessions	5 parallel sessions	5 parallel sessions	to		75
17:30-19:00		Poster session (80 max)	Poster session (80 max)	Poster session (80 max)	Ostia Antica	:	240
19:00-22:00	Reception		Reception		Banquet		500

Social events

- A visit to the archaeological site of Ostia Antica, the former harbor of Rome, is planned on Thursday, September 9.
- Ostia Antica is one of the most beautiful and well preserved examples of an ancient Roman town showing all features of the Roman urban architecture and life-style with astonishing well preserved details.



- The tour will be followed by the Conference Dinner at a beautiful medieval courtyard in the countryside not far from the coast.

Conference Dinner

The IRMMW-THz 2010 conference participants will enjoy the astonishing beautiful landscape, the enchanting charm and the excellent and genuine cuisine of the Antico Borgo di Tragliata



IRMMW-THz2010

*We look forward to
meeting you in
Rome!*

