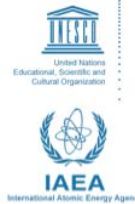




International Society of Cryosurgery



The Abdus Salam
International Centre for Theoretical Physics



The 16TH WORLD CONGRESS OF CRYOSURGERY

Trieste, Italy 5 - 6 - 7 November 2011

Under the patronage of the Region Friuli Venezia Giulia government

Presidents

Franco Lugnani, President ISC

S.Randjbar-Daemi, Vice Director, Abdus Salam International Centre for Theoretical Physics.



**The Miramare Castle (built by Maximilian of Hapsburg Emperor of Mexico)
with the Dolomites Alps behind, shot in a clear day – Trieste - Italy**



International Society of Cryosurgery



Dear Friends of ISC,

It will be a great pleasure for me to greet each of you at the next ISC Congress that will take place in Trieste on the **5 - 6 - 7** November 2011.

Right from its origin the World Congress of Cryosurgery has represented the preeminent chance for face-to-face contacts, open debates, as well as scientific and technological updates in the field. In recent years thanks to technological improvements that allow its employment with ever less invasive methods, cryosurgery has been enriched by new areas of applicability. Beijing 2007 gave momentum to the impulse to connect cryosurgery with immunology and throughout the world it is bearing the fruit of promising clinical applications. Saint Petersburg 2009 Meeting continued on the same path.

The XV WCC has been a great success for other reasons as well: not only it did outline the world-wide state of the art in cryosurgery, but it offered a unique opportunity to people of proven expertise to meet their peers. Whether the rendezvous occurred during the challenging congress sessions or within the frame of social gatherings, they have been precious seeds out of which international cooperation is growing and growing: an unquestionable benefit to cryosurgery globally.

It is therefore my whole-hearted wish to see you attend our next congress in even greater numbers: I am sure that the warm and friendly atmosphere of the noble city that will give us hospitality will enhance this stimulating possibility to meet and compare notes again.

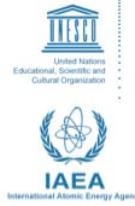
I am expecting you at the XVI World Congress of Cryosurgery in Trieste!

Franco Lugnani MD

President of ISC



The Abdus Salam
International Centre for Theoretical Physics



Dear Colleagues,

It is a great pleasure and honour for me to be a co-president of this important international congress.

Since its inception in 1964, The Abdus Salam International Centre for Theoretical Physics, in addition to being a research Centre organizes every year over sixty high level meetings at the forefront of many domains of science, ranging from applied sciences like Earth System Physics and Medical Physics to purely theoretical areas of basic sciences like Elementary Particle Physics, Cosmology and pure Mathematics.

I am confident that your XVI World Congress of Cryosurgery will be one more success story for our Center and will establish a cornerstone of further cooperation with your Society in the future.

I will be looking forward to personally welcome you to our Centre in November 2011.

S. Randjbar-Daemi,

Vice Director,
The Abdus Salam
International Center for Theoretical Physics

GENERAL INFORMATION OF THE MEETING

Presidents

Franco Lugnani, President I.S.C.

S.Randjbar-Daemi, Vice Director, The Abdus Salam International Centre for Theoretical Physics

Co-President

Roberto Salvioni, Director of the Urology Department, Istituto dei Tumori, Milano

Local Honorary Presidents

Emanuele Lezoche

Michele Gallucci

Rodolfo Capanna

Pasquale De Negri

International Honorary President

George Prokhorov, Past President of the Meeting

Organizer

International Society of Cryosurgery

Co-Organizer

The Abdus Salam International Centre for Theoretical Physics

Chair of Scientific Organizing Committee

Franco Lugnani, President ISC

Co-Chair of Scientific Organizing Committee

S.Randjbar-Daemi, Vice Director, The Abdus Salam International Centre for Theoretical Physics

Organizing Scientific Committee Secretariat

Giuseppe Simone, MD, ISC Member

Michela Miotti, Ph.D., ISC Member

International Scientific Organizing Committee Honorary Chairs

Giovanni Sesia, Italy - Urology

Fred Lee, USA - Interventional Radiology

Gloria Graham, USA - Dermatology

Sajio Sumida, Japan – Basic Science

Richard Ablin, USA – Immunology

Omar Maiwand, UK – Thoracic Surgery

Gage Andrew, USA - Cryotechnology

Jose C. Goncalves, Portugal - Gynecology

Jean Paul Homasson, France – Chest

Peihong Wu, China – Liver Surgery

Executive Chair

Sabrina Gasperi, Italy, ISC Member

International Consulting Organizing Committee

Chair: *Odysseas Zoras*, Greece

Co-chair: *George Prokhorov*, Russia

Europe

Carlos Hernandez, Spain

Juergen Hetzel, Germany

George Prokhorov, Russia

Jean Michel Vergnon, France

Mediterranean

Javier Flandes, Spain

Ahmed Joussef Gad, Egypt

Pedro Torrecillas, Spain

Paola Pasquali, Spain

Alejandro Egea, Spain

Asia Pacific

Alfonsus Soewandi, Indonesia

Asia

Hui-Ping Liu, Taiwan

Junta Harada, Japan

Kecheng Xu, China

North America

Duke Bahn, USA

Gary Onik, USA

Rita Jean Francois, Canada

Central and South America

Guillermo Elizondo Riojas, Mexico

Daniel Juan Xochipiltecatl, Mexico

Marcial Peralta, Chile

International and Italian Scientific Committee

Chair: *Alessandro Del Bello*, Italy

Co-chair: *Guillermo Elizondo Riojas*, Mexico

Alejandro Egea, Spain

Alessandro Paganini, Italy

Alfonsus Soewandi, Indonesia

Anatolii Senchuk, Ukraine

Andrea Galosi, Italy

Angelo Morelli, Italy

Arthur Jackson, UK

Augusto Rippa, Italy

Boris Rubinsky, USA

Carlo Spreafico, Italy

Carlos Hernandez, Spain

Carmelo Morana, Italy

Christos Zouboulis, Germany

Daniel Juan Xochipiltecatl,

Mexico

David Buckley, Ireland

Douglas Chinn, USA

Duke Bahn, USA

Emanuele Lezoche, Italy

Emilio Imbriani, Italy

Enrico Caraceni, Italy

Ernesto Bissoli, Italy

Frank Chu, Australia

Frank Chinegwundoh, UK

Gabriele Fontana, Italy

Galan Maraboto, Mexico

Gary Onik, USA

Giovanni Muzzonigro, Italy

Giovanni Natalini, Italy

Giuseppe Simone, Italy

Glauco Twardowski, Brazil

Gordon Muir, UK

Gueorgui Prokhorov, Russia

Hui-Ping Liu, Taiwan

Ilya Pustinsky, Russia

Jacob Bickels, Israel

Javier Flandes, Spain

Jean Michel Vergnon, France

Jeff Cohen, USA

John Bischof, USA

John Rewcastle, Canada

John Ward, USA

Juergen Hetzel, Germany

Junta Harada, Japan

Kecheng Xu, China

Livio Carpanese, Italy

Lizhi Niu, China

Luca Cristinelli, Italy

Luigi Grazioli, Italy

Luigi Solbiati, Italy

Marcial Peralta, Chile

Matthew Callstrom, USA

Mauro Pulone, Italy

Michele Gallucci, Italy

Milic Petkovic, Serbia

Mintzias Panagiotis, Greece

Nikolai N. Korpan, Austria

Odysseas Zoras, Greece

Oleksandr Litvinenko, Ukraine

Oleksiy Dronov, Ukraine

Paola Pasquali, Spain

Pasquale De Negri, Italy

Pedro Torrecillas, Spain

Peter Littrup, USA

Philippe Grange, UK

Piergiorgio Spaggiari, Italy

Piermario Biava, Italy

Rita Jean Francois, Canada

Roberto Biagini, Italy

Rodolfo Capanna, Italy

Roberto Salvioni, Italy

Salah Sourour, Egypt

Sergio Cosciani Cunico, Italy

Stephen Jones, USA

Valerie Forest, France

Vincenzo Ferrara, Italy

Vittorio Ricci Barbini, Italy

Yaron Har Shai, Israel

Youssef Ahmed Gad, Egypt

Zhi Guo, China

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e-mail: info@societyofcryosurgery.org - website: www.societyofcryosurgery.org

Conference Secretariat

Smile Tech srl – Trieste – tel +39 040 3481631 – e-mail: info@smileservice.it – website: www.smileservice.it

Contact: Roberta Zorovini, Silvia Cefalo

TOPICS:
CRYOSURGERY
CRYOBIOLOGY
CRYOIMMUNOLOGY
CRYOTECHNOLOGY
CRYOPHYSICS

CONFERENCE SCHEDULE

Saturday 5th November

08:00 - 24:00 Participants arrival and Registration

15:00 - 19:00 visit to Miramare Castle

Welcome buffet dinner

Sunday 6th November, conference day 1

08:30 - 09:00 **Opening Ceremony**

09:00 - 09:15 Photo Call

09:15 – 11:00 Plenary Session – *Lectio Magistralis*

The Physic bases of the science behind cryo:

ICTP Scientist

The Biology bases of the science behind cryo:

Boris Rubinsky, USA

The Technology behind cryo:

Peter Littrup, USA

The future of cryo, immunology:

Duke Bahn, USA

Coffee break

11:00 – 13:00 Plenary Session – *Keynote speakers*

The reasons for cryo in liver, yes and buts:

Peihong Wu, China

Emanuele Lezocche, Italy

The reasons for cryo in prostate, yes and buts:

Michele Gallucci, Italy

Bryan Donnelly, Canada

12:45 – 14:00 Lunch/Video session

14:00 - 18:00 Plenary Session – *Keynote speakers*

The reasons for cryo in bones, yes and buts:

Roberto Capanna, Italy

The reasons for cryo in Kidney, yes and buts:

Roberto Salvioni, Italy

Coffee break

The reasons for cryo in lung, yes and buts:

Hui-Ping Liu, Taiwan

Angelo Morelli, Italy

The reasons for pain therapy cryo, yes and buts:

Mattew Callstrom, USA

Pasquale De Negri, Italy

Evening: Sightseeing Tour and Gala Dinner

Monday 7th November, conference day 2

08:30 – 10:30 Plenary session round table
The reasons for percutaneous cryo, yes and buts:
Carlo Spreafico, Italy
Guillermo Elizondo, Mexico
Peter Littrup, USA
Kecheng Xu, China
John Ward, USA
Provoker: Livio Carpanese, Italy,

Coffee break

10:50 – 13:10 Plenary session
Round table in Dermatology
Chair: Paola Pasquali, Spain
George Gaitanis, Greece: The reasons for cryo in dermatology, yes and buts;
Miroslava Solano Orozoco, Mexico: Clinical and histopathological changes of the cryolesion;
Panagiotis Mintzias, Greece: A hands on approach to cryosurgery in difficult to treat skin cancer;
David Buckley, Ireland: Cryosurgery for non melanoma ski cancers over cartilage (eg: ears + nose)
Janis Kisis, Latvia: Double Force in Treatment of Difficult Cases: Using Cryotherapy in Dermatology.
J.Kisis and R. Karls, I. Truksane;
Olle Larko, Sweden: Results of 25 years of cryosurgery of eyelid basalioma;
Glauco TwardowskiBrazil: Cryosurgery – The Dermatologist's Penknife
Paola Pasquali, Spain: Improving cryosurgical outcomes

Lunch

14:00 – 16:00 Plenary Session
International Satellite Symposium on Bio-Physics and Medical Technology
Program to be determined.

14:00 – 16:00 Hall B
Specialty sessions podium/poster presentations
Urology Kidney
Chair: Vincenzo Ferrara, Italy, Antonio Rosales, Spain, Philippe Grange, UK
Urology Prostate
Chair: Andrea Galosi, Italy, Carlos Hernandez, Spain, Juan Galan Maraboto, Mexico.

14:00 – 16:00 Hall C
Specialty sessions podium/poster presentations
Miscellaneous
Chair: Giovanni Natalini, Italy, George Prokhorov, Russia

16:00 – 17:30 Plenary Session
Provoker: Franco Lugnani
Open Discussion Space:
The Brain Storming Session.
Problems in Cryo,
Suggestions in Cryo,
New trends in Cryo,
Protocols in Cryo,
Study groups in Cryo

17:30 18:00
The International Society of Cryosurgery, its role and place in the future world of Medicine

Farewell dinner

Sightseeing and Social Programs

5th – 7th November: Trieste and surroundings

8th – 13th November: Florence and Tuscany

The tour will end in Fiumicino Airport, Rome, on the 13th around 8 am

CALL FOR ABSTRACTS AND PRESENTATIONS

Abstracts should be submitted by email to: info@societyofcryosurgery.org

Please do not make multiple submissions of same abstract.

Deadline: 1st August 2011

TIME TO BE SCHEDULED FOR EACH PRESENTATION

Invited Plenary: 25 min. of talk & 15 min. of Q&A

Invited Talk: 10-20 min. of talk & 10 min. of Q&A

Oral Presentation: 10 min. of talk & 5 min. of Q&A

PRESENTATIONS

Participants who would like to give a presentation must submit an abstract in English to the secretariat not later than 1 July 2011. Abstracts received after this date cannot be considered.

The scientific committee will determine whether the abstract will be accepted as oral or poster presentation, with consideration to be given to the author's preference.

Authors should indicate, in a cover letter, the topics for which their paper should be considered (see "scientific program topics") and their preference as to the form of presentation, oral or poster.

Authors will be notified by 1 September 2011 whether their abstracts have been accepted and in which form it will be presented.

The presenting author is required to ensure that all co-authors are aware of the content of the abstract before submission.

Only the abstracts of registered presenting authors will be included in the program and in the conference proceedings and official publications.

Oral presentations: Microsoft Power Point will be used for oral presentations.

Poster presentations: instructions for preparation of posters will be sent together with notification of acceptance.

Preparation instructions for abstracts, totalling approx. 800 words; plus 50/60 words for title/names of authors/affiliations, must be written in English, and typed single spaced, by Times New Roman 12 point font.

Do not use a smaller font size.

The name of the presenting author should be underlined.

All abbreviations must be defined in the text.

ABOUT THE SOCIETY

ISC, International Society of Cryosurgery was founded in 1974 to promote continuous medical education in the field of cryosurgery from both an experimental and clinical point of view. ISC is a non-profit, non-sectarian, apolitical organization.

Its purpose is:

- To promote, develop, advocate and diffuse knowledge on the use of low temperatures and related technologies for therapeutic and conservative aims in biology and, generally, in science.
- To foster by all means, at individual and institutional level, in both human and veterinary field, prevention, diagnosis and treatment of any pathologies that may be approached by low temperatures
- To raise as many opportunities as possible in order to put in touch with each other all people who share the above stated purposes, or can be of help in order to reach them.
- To promote, at least once every two years, meetings and conferences in different countries of the world.
- To organize international activities and to promote, coordinate and support scientific programs concerning cryosurgery.
- To get in contact and create partnerships with national and international organizations who share similar purposes.
- To spread, through all available channels, any literature – publications, magazines *et alia* – concerning or related to cryosurgery.

Cryosurgery has today a wide range of clinical applications in : Prostate, Kidney, Liver, Lung, Bone, Neuro, Pain, ORL, Ob Gine, Skin, Heart, Pancreas, Ophthalmology, Breast.

Membership is open to anyone who has a professional interest in research and education in the fields of cryosurgery, cryobiology, cryopreservation, and other disciplines related to the use of low temperature in medicine. The society counts members world-wide.

At each WCC, ICS recognises with special awards significant scientific achievements:

- the Silver Award for Excellence in Cryosurgery
- the Gold Award as *Magister* in Cryosurgery
- the Presidential Award to for distinguished ISC Fellows

Tuscany tour

PLEASE NOTE:

Number of participants is LIMITED!

Fee includes what is listed, does not include anything not specified.

The quota is intended for one person arranged in double room. Cost for single room on request.

Tickets for the Uffizi museum must be booked before August 15. After this date their availability is not ensured.

For any information about the Tuscany tour, contact the Travel Agency Paterniti at the e-mail address: 16WCC.tuscanytour@paternitiviaggi.it

Tuesday, November 8

Gathering with the accompanist of the tour and departure of participants from Hotel at 7:00 a.m. by luxury bus. Free lunch during the way, arrival in Florence and accommodation in 3 star superior Hotel. In the afternoon, first tour of the city accompanied by a local guide. Visit to the Duomo and the Baptistery - finest examples of Florentine Gothic - the cupola by Brunelleschi and Giotto's bell tower - entirely covered with Tuscan marble white, pink and green.

Dinner in a typical restaurant, overnight stay at the hotel in Florence.

Wednesday, November 9

Breakfast in the hotel, full day tour of Florence, accompanied by a local guide.

Guided tour of the Uffizi Museum, Piazza della Repubblica and Piazza della Signoria, the Church of Orsanmichele - originally built for the corn market and later converted into a church of the Arts - up to the Ponte Vecchio, the oldest bridge in the City.

Visit to the Basilica of Santa Croce and Piazzale Michelangelo, the most famous viewpoint of the city skyline.

Lunch and dinner in a typical restaurant.

Overnight at Hotel in Florence.

Thursday, November 10

Breakfast at the hotel. Meeting with the guide and departure to Pisa by luxury bus. Walking through the alleys and streets of the old town, is like taking a dip into the past of a powerful maritime republic: the Piazza dei Miracoli with the Duomo, the Baptistery, Monumental Cemetery and the famous Leaning Tower, the Renaissance Square Cavalieri, via Borgo Stretto with its arcades, the picturesque Piazza delle Vettovaglie the medieval Torre del Campo and the Arno river.

Lunch at typical restaurant.

Return to Florence.

Free time for shopping.

Dinner in a typical restaurant.

Overnight at Hotel in Florence

Friday, November 11

After breakfast, check-out and departure to Siena by luxury bus. Meeting with the local guide and visit to the city: Piazza del Campo, the shell-shaped square, where the famous Palio is held, Palace Comunale - built in red brick and white marble and the Torre del Mangia. Lunch at local restaurant.

Transfer to Chianciano Terme, renown health resort, famous for its waters.

Allocation of reserved rooms at the 4 stars superior Admiral Palace Hotel and time for relaxation.

Dinner and overnight at the hotel.

Saturday, November 12

Free day to enjoy the spa facilities of the Admiral Palace Hotel and visit of the medieval village of Chianciano and its Springs.

Half board - breakfast and dinner - at the hotel.

Sunday, November 13

Breakfast at hotel and check-out. Transfer to Rome Fiumicino International Airport by bus.

End of tour.

FLORENCE



During the twelfth and thirteenth century rich bankers and merchants ruled the city, attracting artists, authors, and philosophers from all over Europe who were going to contribute to Florence's new identity as the most important cultural melting pot of the Western world.

Today, Florence is a fascinating and elegant city in which famous museums and monuments sit side by side with exclusive fashion boutiques, bars, and restaurants. Your guide will let you discover the historical centre with its renowned treasures. The tour starts with a walk through the city centre with an introduction to highlights such as to the dome of Santa Maria del Fiore with its golden globe, the St. John's Baptistery with Ghiberti's famous bronze portals, the old city hall called Palazzo Vecchio, and the jeweller's bridge of Ponte Vecchio. Thereafter, the tour continues to the Gallery of the Academy to take a close look at the statue of David.

The tour will continue at the Uffizi Gallery for a sample of the most famous pieces of art ever created by artists such as Michelangelo, Leonardo, and Raphael.



PISA

The history of Pisa is ancient and tells of men that lived in this marshy area, successively conquered by the Romans. It gained great importance through the centuries, crushing the Saracens from Sardinia and Corsica confirming itself as the third largest Maritime Republic.

The city was one of the most developed Italian cultural centres, thanks to the important universities, research and its stable economy. Rich with art and evidence of its glorious past, it houses one of the 7 wonders of the world: The Tower of Pisa. The beauty of its squares and the richness of its history and culture make this city appear as an old painting: small narrow houses on the banks of The Arno, The Tower in the background and the soft colours of the sunset of this wonderful landscape



SIENA



Siena is only 60 km from Florence with mediaeval architecture and towers that still mark out time. In this city the vicissitudes of fearless knights can be relived: you seem to catch a glimpse of them in the characteristic alleyways that give Siena its proud and elegant aspect.

The shell-shaped Piazza del Campo, where the historical Palio is held, involving all of the cities districts, is one of the most important Italian Mediaeval stages. Its nine grey stone sectors are a

melody of volumes and spaces, harmonised in the fifteenth century by the Fonte Gaia: a rectangular fountain basin made by Jacopo della Quercia.

The Palazzo Pubblico, seat of the town hall, articulated in rooms frescoed by Tuscan artists houses the civic museum where it is possible among other things to admire the wonderful "sala del mappamondo" and the famous Maestà by Simone Martini or the just as famous Guidoriccio Da Fogliano, by Martini.

The Duomo, however, is an architectonic document completed in the last quarter of the thirteenth century by Giovanni di Cecco. The "Storie di Maria" carried out by Duccio di Buoninsegna in 1288 are housed in its glass windows. They are the most important Italian example of this type of work, enhanced by the sculptures by Bernini, and by the Tomb of Cardinal Petroni.

Finally, the Torre del Mangia, an architectonic wonder built by the Perugian brothers Muccio and Francesco da Rinaldo that epitomises the Middle Ages is represented in all of its greatness and elegance by Siena; a city of ancient traditions.

CHIANCIANO TERME

Chianciano Terme - At the time of the Etruscans, in the 5th century B.C., there was a temple close to the spring named Sillene, where Chianciano Terme is today.

Dedicated to the god of Good Health, it contained larger bronze statues. Abundant archaeological evidence, recently discovered, goes back as far as the 7th century B.C.



In Roman times, the curative power of its waters had spread Chianciano's fame far and wide. In the first century B.C., Antonio Musa the doctor, suggested them to the poet Horace, who went, drank and was cured. Luxurious villas were built in the area, with thermal baths such as those found at Mezzomiglio and Camerelle. There is little archaeological evidence from the Middle Ages.

The fact, however, that the church of Sillene, built near the remains of an ancient castle, is dedicated to Saint Michael the Archangel, a favourite of the Longobards, may signify that it was established by

them in the same area as the pagan temple. There is archival evidence of a castrum at Petroio, not far from the Abbey of Saint Peter, no longer extant.

In the 12th and 13th centuries, Chianciano belonged to the Manenti Counts, Lords of Sarteano. Its position close to the Via Francigena (the medieval "highway" to Rome) fostered its development, and Chianciano reached a degree of judicial autonomy when, in 1287, it established its own Statutes. In the 14th century, Orvieto and Siena contended for it, until it was seized by the Siena Republic.

Modern Chianciano Terme developed by exploiting the many springs of therapeutic waters, and by providing visitors with leisure and relaxation in the large Parco

Five different types of spa water flow through Chianciano, each with its own particular beneficial effect on the human organism depending on how it is used. Acqua Santa and Acqua Fucoli are taken as a pleasant drink for the wellbeing of the liver and the gastrointestinal tract. The water can be drunk directly from the source, as it has been for thousands of years.

Acqua Santissima is used in inhalation, aerosol and insufflation treatments for adults and children to protect against health problems in the primary respiratory tracts. Acqua Sillene is used as the basis for mud, thermal bath and cosmetic treatments. Acqua Sant'Elena has been famous for centuries. It is an oligomineral bicarbonate alkaline-calcic water with impressive scientifically proven therapeutic properties. It is recommended for sufferers from kidney and gastrointestinal tract problems.

