

# CROATIAN RADIATION PROTECTION ASSOCIATION (CRPA)



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CROATIAN RADIATION PROTECTION ASSOCIATION (CRPA)  
[www.hdzz.hr](http://www.hdzz.hr)



During the First Symposium on Radiological Protection in Portorož (Slovenia), October 8 – 12, 1963, **Yugoslav Radiation Protection Association (YRPA)** was formed. Members from Croatia participated in all YRPA activities. YRPA members (3) participated at the First IRPA Congress, Rome 1963. YRPA became a full member of IRPA in 1969 (IRPA had 17 members at that time!).

**Croatian Radiation Protection Association (CRPA, in Croatian: Hrvatsko društvo za zaštitu od zračenja, HDZZ, [www.hdzz.hr](http://www.hdzz.hr))** was founded in 1979 and has continued to function within YRPA until 1991. As independent society CRPA became a regular member of IRPA in 1992.

Today CRPA has **170 members** – from research and university, medicine, regulatory and governmental bodies, industry...

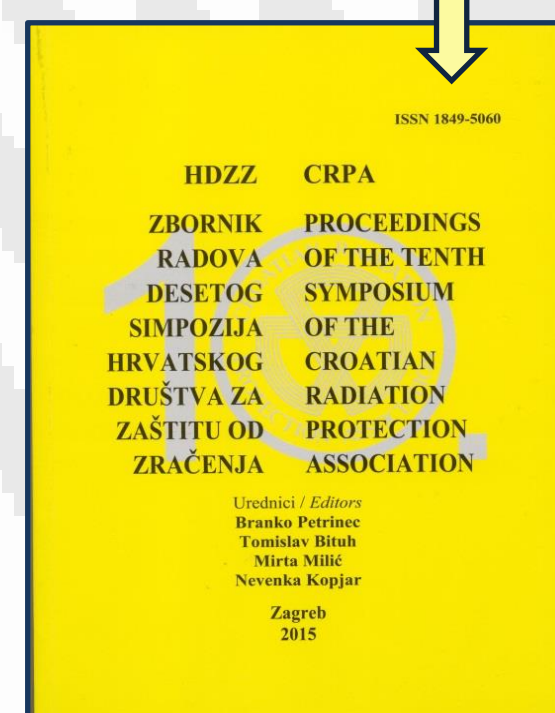
## International cooperation

- **Regional level** – with Hungary, Slovenia, Serbia, Bosnia and Herzegovina, Montenegro, Austria, Romania
- **European level** – active participants at the European RP meetings, organization of the meeting 2009
- **International** - Co-operation with IRPA



Meeting of European IRPA Societies  
Zagreb, 25-26.10.2009.

## 10<sup>th</sup> Symposium of CRPA, Šibenik, 15 -17 April 2015



There were **93** participants in total:

- **73** from national scientific and research institutions, universities, health facilities, and private companies
- **20** international participants: Bosnia and Hercegovina, Hungary, Slovenia, Serbia, Macedonia, and Qatar.



The presidents of the Organizing and Scientific Committees  
**Tomislav Bituh** and **Branko Petrinc**  
Both received national awards and participated at IRPA Congresses 2012 and 2014

## Lectures

- ❑ Dr. Jelena Popić Ramač, 9 March 2016 – Radiation protection culture in medicine
- ❑ Prof. Dragan Poljak, 28 January 2016 – Electromagnetic and thermal dosimetry of non-ionizing electromagnetic fields
- ❑ Dr. Marijana Nodilo, 11 March 2015 – Development of fast method for determination of <sup>55</sup>Fe, <sup>89,90</sup>Sr and some alpha emitters in complex sample matrices
- ❑ Prof. Toshikazu Suzuki, 28 March 2014 – The Sequence of Accident and Current Status of the Fukushima Dai-ichi Nuclear Power Station
- ❑ Prof. Zdenko Šimić, 9 May 2013 – Radioactivity from Fukushima – fear of low radiation doses

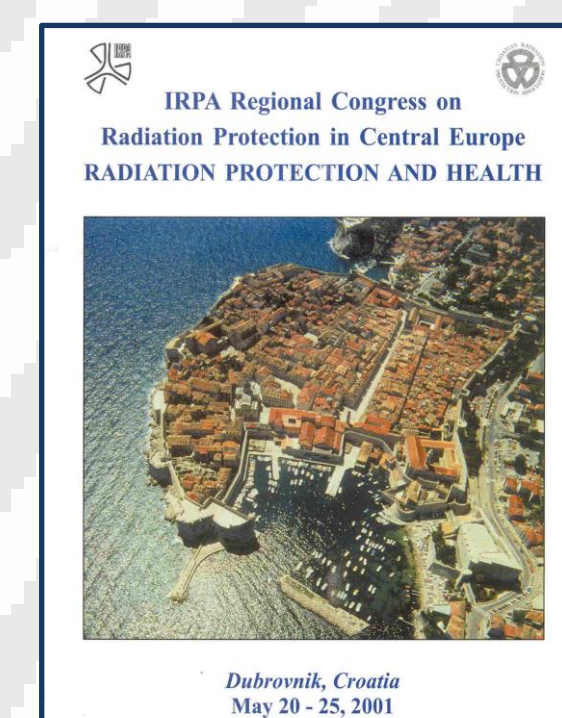
## Main activities of CRPA

- Organization of symposia (national with international participation, regional)
- International cooperation
- Organization of lectures
- Cooperation with regulatory bodies, participation in professional committees, members provide advice and assistance to authorities
- Spread of information
- Involvement of young scientists and practitioners

## Special topics at the national symposia

- 1st CRPA symposium, Zagreb 1992 – Review of Croatian participation at YRPA symposia 1963 - 1991
- 2nd CRPA Symposium, Zagreb 1994 – 15 years since CRPA foundation
- 3rd CRPA Symp., Zagreb 1996 – 100 years of radiation protection – Response to discovery of radioactivity in Croatia in the first half of 20th century
- 4th CRPA Symp., Zagreb 1998 – 100 years after discovery of radium – Harmonization of the Croatian legislation with the EU
- 5th CRPA Symp., Stubičke Toplice Spa 2003 – Participation of CRPA members at international meetings 1992 – 2002
- 6th CRPA Symp., Stubičke Toplice Spa 2005 – World Year of Physics – Light sources and light pollution – Round Table on Preparedness in case of nuclear or radiological accident or risk
- 7th CRPA Symp., Opatija 2008 – Non-ionizing radiation – Bacteria resistant to radiation
- 8th CRPA Symp., Krk 2011 – Retrospective dosimetry and experience after the Chernobyl accident – Causes and consequences of the accident in Nuclear Power Plant Fukushima Dai-ichi – Accreditation of laboratories dealing with radiation measurements
- 9th CRPA Symp., Krk 2013 – 50 years of organized radiation protection in the region 1963 - 2013
- 10th CRPA Symp, Šibenik 2015 – 10 symposia of CRPA
- 11th CRPA Symp., 2017 (plan) - Ethics and radiation protection culture

## IRPA Regional Congress 2001 DUBROVNIK, Croatia



Participants from 29 countries,  
E- and W-Europe, Asia,  
Australia, N- and S-America

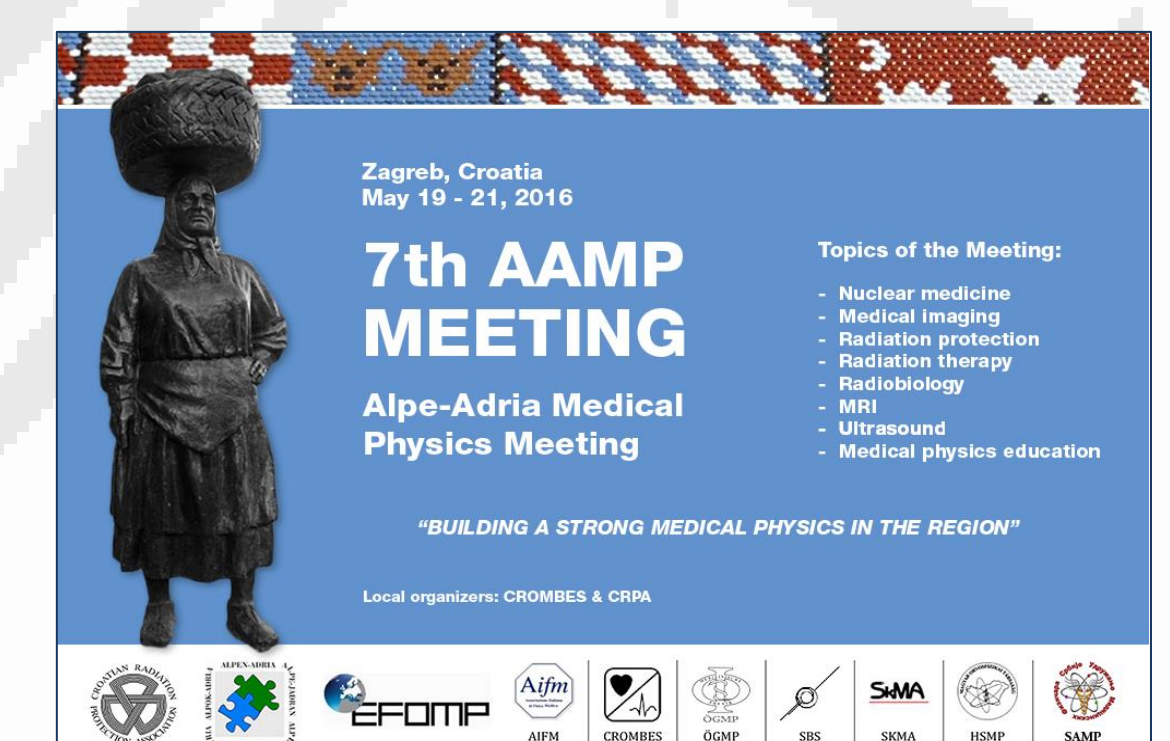


## 7<sup>th</sup> Alpe – Adria Medical Physics Meeting (AAMP2016) Zagreb, 19-21 May, 2016

<http://aampm2016.eu>

CRPA is co-organizer of the meeting

We expect about 100 participants from Croatia, Austria, Italy, Hungary, Slovenia, Slovakia, Serbia, Poland, Malta, USA, Bangladesh, Germany



## Spread of Information

- **HDZZ Bulletin** – electronic newsletter to all members, about 20 issues per year
- **Archives of Industrial Hygiene and Toxicology** - official journal, IF = 0.932 (2014)
- Guests on TV and/or radio broadcasting – topics: What is radiation? What is radiation protection? Radiation in medicine. About the 10th national symposium....