

Programme Overview

Sunday 11 September 2016

Site	Provinciaal Hof (Markt 3, 8000 Brugge)
16:00-19:00	Registration
17:00-19:00	<i>Welcome Reception</i>

Monday 12 September 2016

Site	Concertgebouw ('t Zand 34, 8000 Brugge) Concert Hall
08:00-17:30	Registration / Information desk
	Keynote Opening Session
09:30-09:40	Welcome
09:40-10:00	Keynote: Nuclear Science and the challenges of the European Union
10:00-10:20	Keynote: Nuclear Science: Meeting the Challenges of the Future
10:20-10:40	Keynote: Nuclear data and its impact on the IAEA programme
10:40-11:00	Keynote: Nuclear Science, nuclear data and advanced nuclear energy solutions
11:00-11:20	Keynote: Perspectives of nuclear data activities from past to future
11:20-11:40	Keynote: MYRRHA – A new large infrastructure for R&D on fuel cycle. Needs for new nuclear data
11:40-12:00	Keynote: Nuclear data @ CERN: fundamental physics and applications
12:00-12:30	Discussion and summary
12:30-14:00	Lunch break

Site	Concertgebouw ('t Zand 34, 8000 Brugge) Concert Hall
	Plenary Session
14:00-14:45	From science to applications, the role of measurements, evaluations, databases and validation
14:45-15:30	Systematic approach to nuclear data evaluation
15:30-16:00	Coffee break
16:00-16:45	Towards more accurate and reliable predictions for nuclear applications
16:45-17:30	Considerations on the direction of nuclear data as a database
17:30	Closing of day 1 of the conference
17:30 -19:00	<i>Guided Walk of Bruges</i>

Tuesday 13 September 2016

08:30-12:20	Parallel Sessions	
10:20-10:40	Coffee break	
Room	Ambassadeur	Topic track: Fission physics and observables Session title: Fission theory and experiments I
	Beethoven	Topic track: Evaluation Session title: Evaluation I
	Mozart	Topic track: Nuclear reaction measurements Session title: Thermal and resonance neutrons I
	Strauss	Topic track: Astro nuclear physics Session title: Astro nuclear physics I
	Morus	Topic track: Experimental facilities, equipment, techniques and methods Session title: Experimental facilities, equipment, techniques and methods I
	Erasmus	Topic track: Thermal scattering laws and libraries Session title: Thermal scattering laws and libraries
	Vives	Topic track: Medical applications Session title: Medical applications I
	Witte Roos	Poster display

14:00-18:10	Parallel Sessions	
16:00-16:20	Coffee break	
Room	Ambassadeur	Topic track: Fission physics and observables Session title: Fission theory and experiments II
	Beethoven	Topic track: Evaluation Session title: CIELO
	Mozart	Topic track: Nuclear reaction measurements Session title: Thermal and resonance neutrons II
	Strauss	Topic track: Astro nuclear physics Session title: Astro nuclear physics II
	Morus	Topic track: Experimental facilities, equipment, techniques and methods Session title: Experimental facilities, equipment, techniques and methods II
	Erasmus	Topic track: Integral experiments, benchmarks and data validation Session title: Integral experiments, benchmarks and data validation I
	Vives	Topic track: Theory of nuclear reactions and structure, models and codes Session title: Theory of nuclear reactions and structure, models and codes I
	Witte Roos	Poster display
18:10	Closing of day 2 of the conference	

Wednesday 14 September 2016

08:30-12:20	Parallel Sessions	
10:20-10:40	Coffee break	
Room	Ambassadeur	Topic track: Fission physics and observables Session title: Prompt fission gamma-ray emission
	Beethoven	Topic track: Evaluation Session title: Evaluation II
	Mozart	Topic track: Nuclear reaction measurements Session title: Fast neutrons I
	Strauss	Topic track: Nuclear data for applications Session title: ADS and spallation reactions
	Morus	Topic track: Experimental facilities, equipment, techniques and methods Session title: Experimental facilities, equipment, techniques and methods III
	Erasmus	Topic track: Integral experiments, benchmarks and data validation Session title: Integral experiments, benchmarks and data validation II
	Vives	Topic track: Medical applications Session title: Medical applications II
	Witte Roos	Poster display

14:00-18:10	Parallel Sessions	
16:00-16:20	Coffee break	
Room	Ambassadeur	Topic track: Fission physics and observables Session title: Prompt fission neutron emission
	Beethoven	Topic track: Evaluation Session title: Evaluation III
	Mozart	Topic track: Nuclear reaction measurements Session title: Fast neutrons II
	Strauss	Topic track: Nuclear data for applications Session title: Non-Destructive Assay
	Morus	Topic track: Experimental facilities, equipment, techniques and methods Session title: Experimental facilities, equipment, techniques and methods IV
	Erasmus	Topic track: Integral experiments, benchmarks and data validation Session title: Integral experiments, benchmarks and data validation III
	Vives	Topic track: Theory of nuclear reactions and structure, models and codes Session title: Theory of nuclear reactions and structure, models and codes II
	Witte Roos	Poster display
18:10	Closing of day 3 of the conference	

Thursday 15 September 2016

08:30-12:20	Parallel Sessions	
10:20-10:40	Coffee break	
Room	Ambassadeur	Topic track: Fission physics and observables Session title: Fission theory and experiments III
	Beethoven	Topic track: Evaluation Session title: Evaluation IV
	Mozart	Topic track: Nuclear reaction measurements Session title: Fast neutrons III / Charged particles I
	Strauss	Topic track: Nuclear data for applications Session title: Fusion
	Morus	Topic track: Nuclear masses, structure and decay data measurements Session title: Nuclear masses, structure and decay data measurements I
	Erasmus	Topic track: Gamma-ray strength functions Session title: Gamma-ray strength functions I
	Vives	Topic track: Theory of nuclear reactions and structure, models and codes Session title: Theory of nuclear reactions and structure, models and codes III
	Witte Roos	Poster display

14:00-18:10	Parallel Sessions	
16:00-16:20	Coffee break	
Room	Ambassadeur	Topic track: Fission physics and observables Session title: Prompt fission neutron emission IV
	Beethoven	Topic track: Evaluation Session title: Evaluation V
	Mozart	Topic track: Nuclear reaction measurements Session title: Charged particles II
	Strauss	Topic track: Nuclear data for applications Session title: Reactors and fuel
	Morus	Topic track: Nuclear masses, structure and decay data measurements Session title: Nuclear masses, structure and decay data measurements II
	Erasmus	Topic track: Gamma-ray strength functions Session title: Gamma-ray strength functions II
	Vives	Topic track: Knowledge Transfer Session title: Knowledge Transfer
	Witte Roos	Poster display
18:10	Closing of day 4 of the conference	
20:00-23:00	Conference Dinner	

Friday 16 September 2016

Room	Ambassadeur
	Plenary Session
08:30-09:15	Knowledge management of Nuclear Data at the NEA
09:15-10:00	General description of fission observables: the GEF code
10:00-10:45	Reactor simulations using JEFF-3 nuclear data: assessing performance and needs
10:45-11:00	Coffee break
11:00-11:45	CIELO collaboration advances in evaluating cross sections for ^{239}Pu , ^{238}U , ^{235}U , ^{56}Fe , ^{16}O and ^1H
11:45-12:30	CENDL project, the Chinese Evaluated Nuclear Data Library
12:30	Award ceremony, announcement of ND2019 and conference closing