



Horticulture for a world in transition



IHC 2022
INTERNATIONAL HORTICULTURAL CONGRESS
ANGERS – FRANCE



14-20 AUGUST 2022
CONGRESS CENTRE
ANGERS - FRANCE



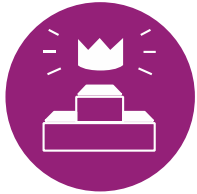
1

The congress



Spirit of the congress

3 major axes



A high level multidisciplinary scientific event **upstream** and **applied**



Research/Industry/Education



↗ North and South collaborations

And many incentives to welcome young minds

IHC2022 TARGETS

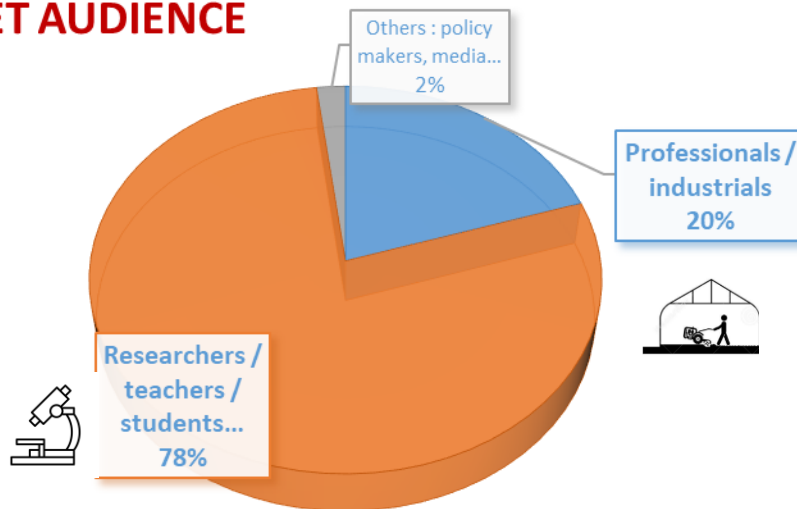


2 500 attendees

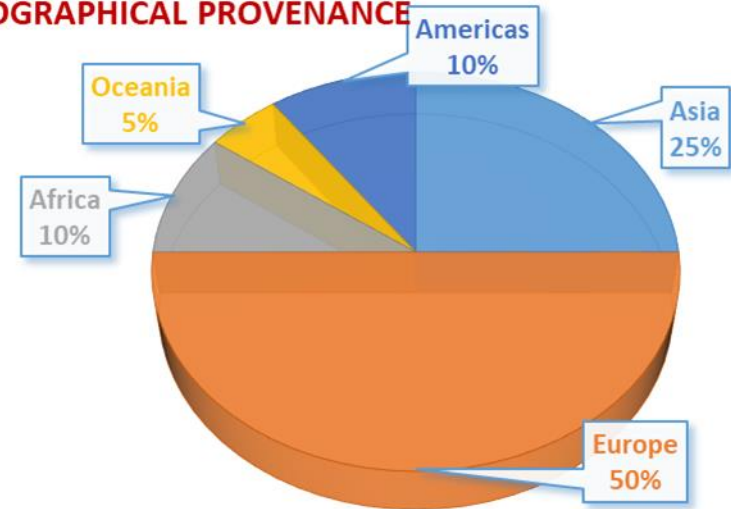


> 100 countries

TARGET AUDIENCE



GEOGRAPHICAL PROVENANCE



IHC2022 challenges



Competitiveness and skills for the Horticultural sectors



Food system , Public Health & Well-being



Sustainability of production systems



Climate change mitigation and adaptation solutions

PROGRAM OVERVIEW

	7 - 13 AUGUST	SUNDAY 14	MONDAY 15	TUESDAY 16	WEDNESDAY 17	THURSDAY 18	FRIDAY 19	20 - 22 AUGUST
			EXHIBITION					
8:30 am 10:00 am	PRE CONGRESS TOURISTIC TOURS, ISHS EXCOM AND COUNCIL MEETINGS	REGISTRATION OPENING CEREMONY WELCOME COCKTAIL	PLENARY 8:30 - 10:00 am	PLENARY 8:30 - 10:00 am	SYMPOSIA 8:30 am - 12:30 pm	PLENARY 8:30 - 10:00 am	PLENARY 8:30 - 10:00 am	TECHNICAL & TOURISTIC TOURS, POST CONGRESS TOURISTIC TOURS
10:00 am 10:30 am			<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	
10:30 am 12:30 pm			SYMPOSIA, 10:30 am - 12:30 pm	SYMPOSIA, 10:30 am - 12:30 pm	SYMPOSIA, 10:30 am - 12:30 pm	SYMPOSIA, 10:30 am - 12:30 pm	SYMPOSIA, 10:30 am - 12:30 pm	
12:30 pm 1:30 pm			<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	
1:30 pm 3:00 pm			SYMPOSIA 1:30 - 3:00 pm	SYMPOSIA 1:30 - 3:00 pm	LOCAL TECHNICAL TOURS	ISHS GENERAL ASSEMBLY 1:30 - 3:00 pm	SYMPOSIA 1:30 - 3:00 pm	
3:00 pm 3:30 pm			<i>Coffee break</i>	<i>Coffee break</i>		<i>Coffee break</i>	<i>Coffee break</i>	
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evening			SOCIAL EVENT	SOCIAL EVENT	SOCIAL EVENT	GALA DINNER	CLOSING CEREMONY	

Confirmed Plenary Speakers

- 🌿 Scientist (chemist and botanist) and politician:
Dr Ameenah Gurib-Fakim, Mauritius
- 🌿 International expert on nutrition:
Dr Jessica Fanzo, Johns Hopkins University, USA
- 🌿 Experienced in applied world agroecology:
Dr Rachel Bezner-Kerr, Cornell University, USA
- 🌿 **Dr Yvonne Pinto**, Managing Director of ALINE, UK
(Agricultural Learning and Impacts Network)





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31st INTERNATIONAL HORTICULTURAL CONGRESS

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CONGRESS CENTRE
ANGERS-FRANCE **HYBRID**

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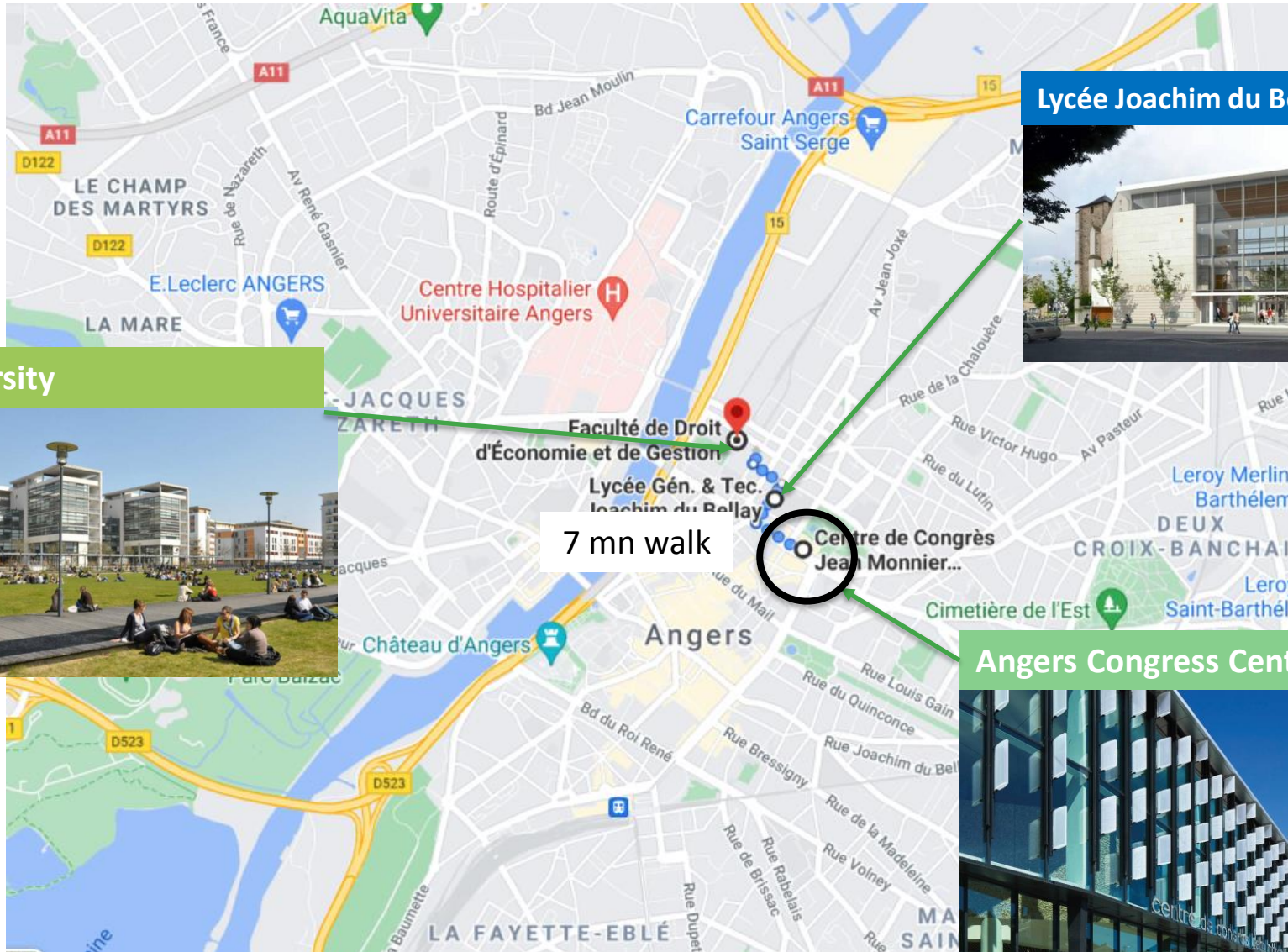
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#IHC2022

WWW.IHC2022.ORG



In the city centre: Congress Centre/ Lycée du Bellay/University of Angers



Lycée Joachim du Bellay



University



Angers Congress Center



Symposia

Topics	Conveners	Primary endorsement
S1 - Breeding and Effective Use of Biotechnology and Molecular Tools in Horticultural Crops	Vincent Bus (New Zealand) & Mathilde Causse (France)	DBIO
S2 - Conservation and Sustainable Use of Horticultural Genetic Resources	Tiziana Ulian (UK) & Raphaël Morillon (France)	DBIO
S3 - Quality Seeds and Transplants for Horticultural Crops and Restorative Species	Daniel Leskovar (USA) & Olivier Leprince (France)	DVEG
S4 - In Vitro Technology and Micropropagated Plants	Sandra Correia (Portugal) & Stefaan Werbrouck (Belgium)	DBIO

Symposia

Topics	Conveners	Primary endorsement
S5 - Innovations in Ornamentals: from Breeding to Market	Johan Van Huylbroeck (Belgium) & Fabrice Foucher (France)	DORN
S6 - Innovative Technologies and Production Strategies for Sustainable Controlled Environment Horticulture	Youssef Rouphael (Italy) & Jean-Charles Michel (France)	DPRO, DENG
S7 - II International Symposium on Greener Cities: Improving Ecosystem Services in a Climate-Changing World (GreenCities2022)	Vivian Loges (Brazil) & Philippe Faucon (France)	DURB
S8 - Advances in Vertical Farming	Eri Hayashi (Japan) & Leo Marcelis (The Netherlands)	DPRO, DURB, DENG
S9 - Urban Horticulture for Sustainable Food Security (UrbanFood2022)	Kathrin Specht (Germany) & Kevin Morel (France)	DURB



Symposia

Topics	Conveners	Primary endorsement
S10 - Value Adding and Innovation Management in the Horticultural Sector	David Neven (Italy) & Syndhia Mathé (Cameroon)	DDEV
S11 - Adaptation of Horticultural Plants to Abiotic Stresses	Fulai Liu (Denmark) & Bénédicte Wenden (France)	DPHYS
S12 - Water: a Worldwide Challenge for Horticulture!	Brunella Morandi (Italy) & Marcel Kuper (France)	DPHYS
S13 - Plant Nutrition, Fertilization, Soil Management	Lee Kalcsits (USA) & Patrice Cannavo (France)	DPHYS
S14 - Sustainable Control of Pests and Diseases	Lucia Zappalà (Italy) & Michel Peterschmitt (France)	DVEG, DFRU, DTRO, DNUT, CMOR

Symposia

Topics	Conveners	Primary endorsement
S15 - Agroecology and System Approach for Sustainable and Resilient Horticultural Production	Maria Claudia Dussi (Argentina) & Sylvaine Simon (France)	CMOR
S16 - Innovative Perennial Crops Management	Sara Serra (USA) & Pierre-Eric Lauri (France)	DPHYS, DFRU, DNUT,
S17 - Integrative Approaches to Product Quality in Fruits and Vegetables	Alyson Mitchell (USA) & Nadia Bertin (France)	DFRU, DNUT, DVEG, DPHQ, DHEA, DPHY
S18 - III International Symposium on Mechanization, Precision Horticulture, and Robotics: Precision and Digital Horticulture in Field Environments	Sindhuja Sankaran (USA) & David Rousseau (France)	DENG, PHYS
S22 - Natural Colorants from Plants	Riikka Räisänen (Finland) & Anne de la Sayette (France)	DHEA
S23 - Postharvest Technologies to Reduce Food Losses	Gustavo Teixeira (Brazil) & Florence Charles (France)	DPHQ
S24 - IX International Symposium on Human Health Effects of Fruits and Vegetables (FAVHEALTH2022)	Kaleab Baye (Ethiopia) & Marie-Jo Amiot-Carlin (France)	DHEA



Symposia

Topics	Conveners	Primary endorsement
S19 - Advances in Berry Crops	Susan McCallum (UK) & Béatrice Denoyes (France)	DVIN, DHEA
S20 - The Vitivinicultural Sector: Which Tools to Face Current Challenges?	Ahmet Altindisli (Turkey) & Benjamin Bois (France)	DVIN
S21 - XII International Symposium on Banana: Celebrating Banana Organic Production	Walter Ocimati (Uganda) & Thierry Lescot (France)	CMBA
S25 - Medicinal and Aromatic Plants: Domestication, Breeding, Cultivation and New Perspectives	Christoph Carlen (Switzerland) & Guillaume Frémondrière (France)	DHEA

Symposia schedule

	Grey			Yellow			Green			
Monday 15	S1. Breeding	S3. Seeds	S4. InVitro	S5. Ornamentals	S6. Controlled Hort	S7. GreenCities		S13. Plant Nutrition		
Tuesday 16										
Wednesday 17										S9. Urban
Thursday 18		S2. GenRes				S8. VertiFarm		S14. Epidemiology		
Friday 19										S12. Water

	Light Blue				Red				
Monday 15	S15. Agroecology	S17. FV Quality	S19. Berries	S21. Banana	S23. Post-harvest	S10. HortValue	S25. MAP		
Tuesday 16									
Wednesday 17	S16. Perennials	S18. DigiField	S20. Grape	S22. PlantDye					
Thursday 18									S24. Health
Friday 19									

Workshops

Topics	Moderators	Primary endorsement	Secondary endorsement
What alternative uses for horticultural products?	Laure Dreux, Astredhor, France		
What differences between scientific and empirical research, why it matters and how it effects your career	Ted DeJong, UC Davis, USA	DFRU	
What sustainable post-harvest solutions for enhancing the quality of ornamental products? (link Sympo 14)	Çelikel Fisun, Ondokuz Mayıs University, Turkey and Ernst Woltering, Wageningen University, The Netherlands	DORN	DPRO, DDEV, DPHQ
How to perform research on Food Systems environmental, social and economic sustainability?	Francesco Orsini, Bologna University, Italy	DURB	
How can plant modelling be a leverage for cropping system improvement by integrating plant physiology and smart horticulture?	Francisco Domingo Molina Aiz, Almeria University, Spain, and Gerhard Buck-Sorlin, Institut Agro Angers, France	DPHYS, DENG	
Technological risk assessment and public acceptance in plant tissue culture	Jorge Canhoto, Coimbra University, Portugal	DBIO	
What is the role of mineral nutrition in future fruit production	Elmi Lötze, Stellenbosch University, South Africa		
Automated fixed spray systems for horticultural crop protection: scoping the global technology adoption needs?	Lav Khot, Washington State University, USA	DENG	
Towards a consensus for terminology and basic characteristics to be considered in scientific works on growing media?	Jean Caron, Laval University, Canada ; Youbin Zheng, Guelph University, Canada ; Jean-Charles Michel, Institut Agro, France	DPRO	
Pedagogical innovations in horticulture and landscape training	Philippe Prevost, Agreenium, France		

Attractive technical tours

Half day tours – Wednesday 17th

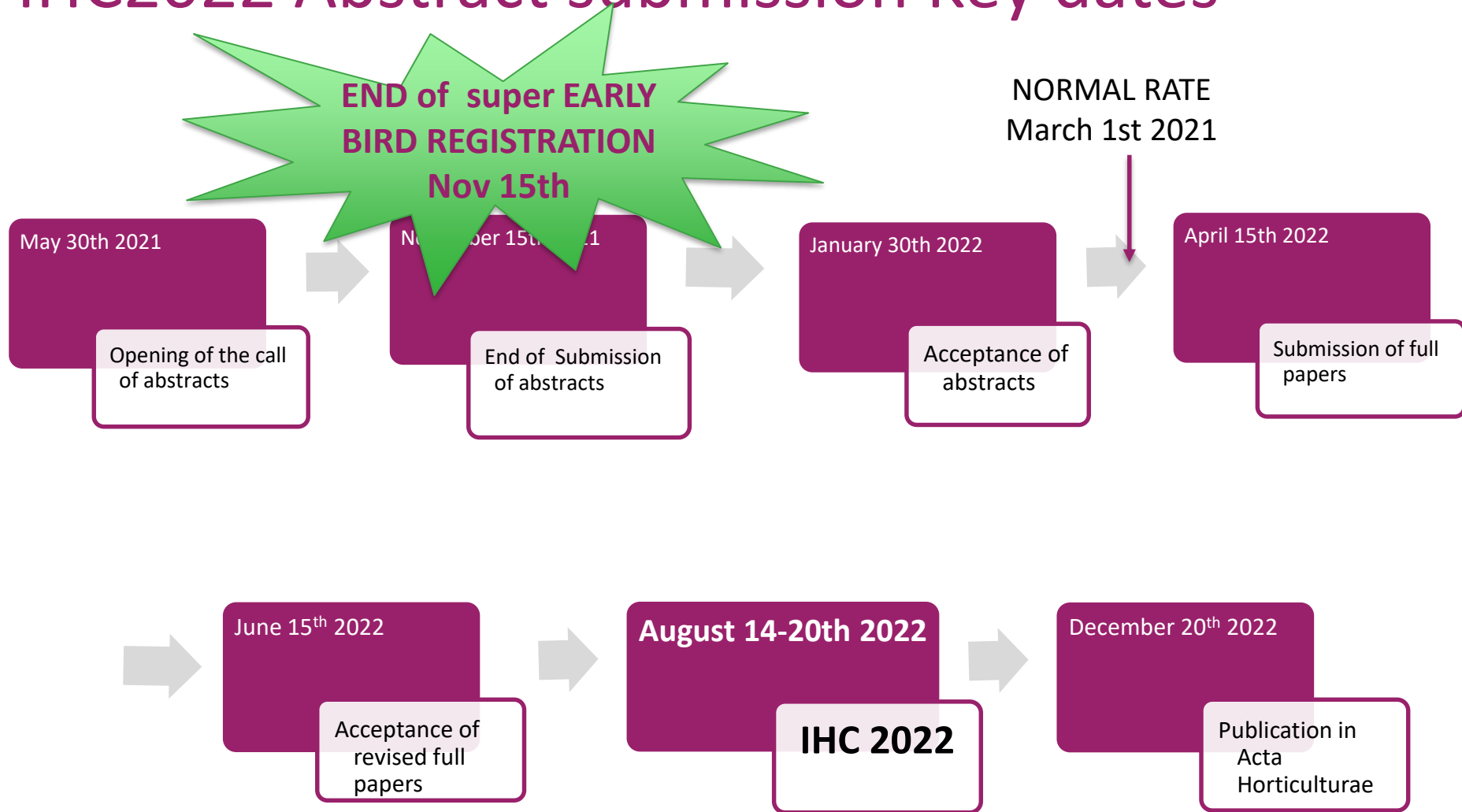
- Half day tour 1 : Horticulture research platform, from genes to sustainable cropping systems
- Half day tour 2 : Innovating in horticulture education and training
- Half day tour 3 : Seed studies and plant phenotyping
- Half day tour 4 : Variety registration in vegetables and ornamentals
- Half day tour 5 : Vegetable breeding, seeds & transplants
- Half day tour 6 : Vegetable experimentation and production
- Half day tour 7 : Fruit experimentation and production
- Half day tour 8 : Fruit breeding, nurseries and marketing
- Half day tour 9 : Postharvest and processing of fruit and vegetables
- Half day tour 10 : Urban agriculture
- Half day tour 11: Organic production
- Half day tour 12 : Medicinal and aromatic plants
- Half day tour 13 : Experimentation and production of ornamentals
- Half day tour 14 : Diversity and genetics of ornamentals
- Half day tour 15 : Landscaping and green city
- Half day tour 16 : Loire Valley viticulture and wines
- Half day tour 17 : Innovations on substrates

Day tours -Saturday 20th

1. Cider and field vegetable production in the Mont St Michel bay
2. Traditional horticultural production in the Saumur Loire Valley
3. Horticulture in the urban and periurban area of Nantes
4. Organic horticulture and sustainable production along the Atlantic coast
5. Innovations in horticulture and Atlantic seaside history



IHC2022 Abstract submission Key dates



Registration Fees

	Super Early Bird Until 15 Nov 2021	Early Bird Until 1 March 2022	Regular Until 15 June 2022	On-site Until 14 August 2022	Virtual only
Full registration ISHS member	670	820	950	1190	750
Non-ISHS member	770	920	1050	1300	860
Student	290	290	385	490	290
Accompanying person	210	210	250	330	/
Half-day technical tour 17/08/2022	60	60	60	75	/
Full-day technical and touristic tour 20/08/2022	145	145	145	190	/

All fees quoted in euros, VAT included

In person attendance 10% VAT included

Digital attendance 20% VAT included

CONTACTS

STEERING COMITEE



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President,



Emmanuel GEOFFRIAU
Vice-president



Rémi KAHANE
Vice-president



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2

outside the congress



Angers Top excellence destination

#1

France Green City



Well-known
pleasant climate

3rd biggest urban centre
in the Grand-Ouest

Many social events...



ANGERS SURROUNDINGS



BRITTANY - NORMANDY



SOUTH EASTERN PART – COTE D'AZUR



3

Be our ambassadors



THE SUCESS OF IHC2022 DEPENDS ON YOU!

After the Covid-19 pandemy,
IHC2022 will be the first international oppportunity to meet "in person".

we rely on you to be our ambassadors!

- ✓ **Save the date and participate in IHC2022**
- ✓ **Spread the main messages in :**
 - ✓ **Your scientific communities** => Call of abstracts
 - ✓ **Your professional communities** => Challenges / Side Events / Learning Expeditions
 - ✓ **Your industry/partners communities** => Sponsors / Supports
 - ✓ **Your education communities** => young mind awards / international competition for early PhD-doctors 3MHT/ workshop on innovation in learning methods/ science popularization / Food and Health Exhibition/ revegetation competition

Communication tools

- ✓ Visit IHC2022 website : www.ihc2022.org ;
The Website will be regularly updated with new information



<https://www.ihc2022.org/media/>



@IHC2022



@2022Ih
c



@InternationalHorticulturalCongress
#IHC2022



- ✓ Add the event to your internal and external agendas and web site



- ✓ Present the congress during participations in events / meetings
(GA, meetings, project groups...)



Powerpoint 10 slides

4

QUESTIONS



UNDER THE AUSPICES



UNDER THE HIGH PATRONAGE OF



CONVENING INSTITUTIONS



PUBLIC SUPPORTS



Thank you for your attention



#IHC2022



UNDER THE AEGIS OF



END of call for abstract
and of super EARLY BIRD
REGISTRATION
Nov 15th



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