



24<sup>th</sup>

INTERNATIONAL  
CARTOGRAPHIC  
CONFERENCE

# Summary Program



# Summary Program

Welcome to the 24<sup>th</sup> International Cartographic Conference – ICC 2009. This document is the program of the conference in concise, summary form; its schedule of events, timetables and locations in chronological order is intended as an easy guide for attendees to use to quickly plan their participation and find the activities they are interested in. The full and complete information about the conference is to be found separately, in the other conference documentaiton that is given to registered participants.

The events identified with an asterisk (\*) are restricted to a set of participants previously defined by membership or by invitation. The events with no asterisk are open to all registered attendees, either directly or, in a few cases, by an additional registration.

The Organizers of ICC 2009 are:

- International Cartographic Association – ICA
- Military Geographic Institute – IGM
- FISA S.A.

The Local Organising Committee (LOC) thanks the Sponsor organisations and the Patrons for their contributions to ICC 2009. The list of Sponsors is given in the Commercial Catalogue. The list of organisations acting as patrons to ICC 2009 is given in the Full Program document.



# room locations

Location as named in this Concise Program	Description	Terminology of the Military School
S-1	Main Auditorium, for ceremonies, plenaries and Technical Sessions. In main building, southern sector of conference venue	Aula Magna
S-2	Technical Session Room 2, on second floor of main building, close to main entrance	Sala Erasmo Escala
S-3	Technical Session Room 3, on fourth floor of main building	Sala de Estudio de la Biblioteca
S-4	Technical Session Room 4, on fourth floor of main building, at south-western corner of conference venue	Sala General Carrera
S-5	Technical Session Room 5, in northern sector of conference venue, near meeting rooms	Sala Carta 1
S-6	Technical Session Room 6, in northern sector of conference venue, near offices	Sala Carta 2
R-1	Meeting Room 1, in northern sector	Sala Clase
R-2	Meeting Room 2, in northern sector	Sala Clase
North Corridor	Long east-west corridor in northern sector	Pasillo Compañías
South Corridor	Long east-west corridor between central courtyard and main auditorium	Galería del Patio Alpatacal
Covered Courtyard	Roofed area in eastern sector	Patio Cubierto
Cafeteria	Light refreshments area in eastern sector	Casino
Catering Area	Chambers for lunch in eastern sector	Comedores
Entrance	Area between western entrance to Conference venue and central courtyard	-

# 15<sup>th</sup> november

# sunday

Description	Schedule	Location
<b>Registration</b>		
Registration, accreditation, payments and provision of conference materials	09:00 - 18:00	Entrance to Central Courtyard
Familiarisation with Venue – attendees may inspect all those areas of the Military School in use for the Conference	09:00 - 18:00	Conference Venue Premises
<b>Meetings</b>		
ICA Executive Committee (*)	09:00 - 18:00	
Cartographic Production Commission of ICA	14:00 - 18:00	To be announced
<b>Exhibitions Setup</b>		
Placement of Cartography on Panels and Tables (International Cartographic Exhibition)	10:00 - 18:00	North Corridor
Loading of Digital Cartography in Projection System (*) (Int. Cartographic Exhibition)	10:00 - 18:00	Exhibitions Room
Placement of Scientific Posters on Panels	10:00 - 18:00	South Corridor
Setup of Booths (*) (Technical-Commercial Exhibition)	09:00 - 19:00	Covered Courtyard

2009

3

# monday

# 16<sup>th</sup> november

morning

4

Description	Schedule	Location
<b>Registration</b>		
Registration, accreditation, payments and provision of conference materials	09:00 - 14:00	Entrance to Central Courtyard
<b>Exhibitions</b>		
Technical-Commercial Exhibition	09:00 - 14:00	Covered Courtyard
Exhibition of Scientific Posters	09:00 - 14:00	Southern Corridor
Inauguration of Cartographic and Children's Maps Exhibitions (exact time to be announced)	Before 11:00	Northern Corridor
International Cartographic Exhibition	10:15 - 14:00	Northern Corridor
Exhibition of Children's Maps	10:15 - 14:00	Cafeteria
<b>Corporate Presentations and Workshops by Sponsors</b>		
INTERGRAPH	09:00 - 09:45	S-3
ERDAS	09:45 - 10:30	S-2
<b>Meetings</b>		
SELPER	09:00 - 10:30	R-1
<b>First Plenary Session</b>		
— Keynote Speaker: Vice-Admiral Robert Murrett (NGA) — Keynote Speaker: Geoff Zeiss (Autodesk)	11:00 - 12:30	S-1 – Main Auditorium
<b>Mid-Day Interval</b>		
First Poster Session	12:30 - 13:15	South Corridor
Lunch	12:30 - 14:00	Catering Area

# 16<sup>th</sup> november

# monday

Description	Schedule	Location
<b>Registration</b>		
Registration, payments and conf. materials	14:00 - 17:30	Entrance
<b>Exhibitions</b>		
Technical-Commercial Exhibition	14:00 - 20:00	Covered Courtyard
International Cartographic Exhibition	14:00 - 17:30	Northern Corridor
Exhibition of Scientific Posters	14:00 - 17:30	Southern Corridor
Exhibition of Children's Maps	14:00 - 17:30	Cafeteria
<b>Technical Sessions - First Afternoon Session</b>		
Theme N° 2: Mountains	14:00 - 15:30	S-2
Theme N° 14: Atlases	14:00 - 15:30	S-3
Theme N° 1: Production Systems	14:00 - 15:30	S-4
Theme N°11: Geospatial Analysis	14:00 - 15:30	S-5
Theme N°27: Critical Cartography	14:00 - 15:30	S-5
<b>Meetings</b>		
SELPER	14:00 - 17:30	R-1

afternoon

5

# monday

# 16<sup>th</sup> november

afternoon

6

Technical Sessions - Second Afternoon Session		
Theme N° 2: Mountains	16:00 - 17:30	S-2
Theme N° 14: Atlases	16:00 - 17:30	S-3
Theme N° 1: Production Systems	16:00 - 17:30	S-4
Theme N°11: Geospatial Analysis	16:00 - 17:30	S-5
Theme N°27: Critical Cartography	16:00 - 17:30	S-6
Inaugurations and Social Events		
ICC 2009 Inauguration Ceremony - Welcoming Speeches - Musical Presentation	18:00 - 19:30	S1 – Main Auditorium
Inauguration of Technical-Commercial Exhibition	19:30 - 19:45	Covered Courtyard
Welcome Cocktail	20:00 - 21:30	Cafeteria

# 17th november

# tuesday

Description	Schedule	Location
<b>Second Plenary Session</b>		
Keynote Speaker: Clint Brown (ESRI)	09:00 - 09:35	S-1
<b>Exhibitions</b>		
Technical-Commercial Exhibition	09:00 - 12:30	Covered Courtyard
International Cartographic Exhibition	09:00 - 12:30	Northern Corridor
Exhibition of Scientific Posters	09:00 - 12:30	Southern Corridor
Exhibition of Children's Maps	09:00 - 12:30	Cafeteria
<b>Technical Sessions - First Morning Session</b>		
Theme N° 11: Geospatial Analysis	09:45 - 10:30	S-1
Theme N° 25: Cartographic Heritage	09:45 - 10:30	S-2
Theme N° 14: Atlases	09:45 - 10:30	S-3
Theme N° 22: Society	09:45 - 10:30	S-4
Theme N° 13: Internet	09:45 - 10:30	S-6
<b>Meetings – Early Morning</b>		
Data Access & Intellectual Property W.G.	09:45 - 10:30	R-1
Satellite Imagery Commission	09:45 - 10:30	R-2

morning

7

# tuesday

# 17<sup>th</sup> november

morning

8

Corporate Presentations and Workshops by Sponsors		
ESRI	09:45 - 10:45	S-5
TRACASA / Government of Navarre (Spain)	10:45 - 11:45	S-5
AUTODESK	10:45 - 12:45	S-5
Technical Sessions - Second Morning Session		
Theme N° 11: Geospatial Analysis	11:00 - 12:30	S-1
Theme N° 25: Cartographic Heritage	11:00 - 12:30	S-2
Theme N° 14: Atlases	11:00 - 12:30	S-3
Theme N° 22: Society	11:00 - 12:30	S-4
Theme N° 13: Internet	11:00 - 12:30	S-6
Meetings - Late Morning		
Education and Training Commission	11:00 - 12:30	R-1
Planetary Cartography Commission	11:00 - 12:30	R-2
National Committees of the ICA (II)	12:30 - 13:15	R-1
Mid-Day Interval		
Second Poster Session	12:30 - 13:15	South Corridor
Lunch	12:30 - 14:00	Catering Area

# 17th november

# tuesday

Description	Schedule	Location
<b>Exhibitions</b>		
Technical-Commercial Exhibition	14:00 - 17:30	Covered Courtyard
International Cartographic Exhibition	14:00 - 17:30	Northern Corridor
Exhibition of Scientific Posters	14:00 - 17:30	Southern Corridor
Exhibition of Children's Maps	14:00 - 17:30	Cafeteria
<b>Technical Visit</b>		
Military Geographic Institute	09:45 - 11:30	IGM - Central Santiago
<b>Technical Sessions – First Afternoon Session</b>		
Theme N° 11: Geospatial Analysis	14:00 - 15:30	S-1
Theme N°16: Copyright	14:00 - 15:30	S-2
Theme N° 14: Atlases	14:00 - 15:30	S-3
Theme N° 22: Society	14:00 - 15:30	S-4
Theme N° 5: GIS	14:00 - 15:30	S-5
To be announced during conference	14:00 - 15:30	S-6
<b>Meetings - Early Afternoon</b>		
Marine Cartography Commission	14:00 - 15:30	R-1
History Commission	14:00 - 15:30	R-2

afternoon

9

# tuesday

# 17<sup>th</sup> november

afternoon

10

Technical Sessions- Second Afternoon Session		
Theme N° 11: Geospatial Analysis	16:00 - 17:30	S-1
Theme N° 27: Critical Cartography	16:00 - 17:30	S-2
To be announced during conference	16:00 - 17:30	S-3
Theme N° 26: Planets & Space	16:00 - 17:30	S-4
Theme N° 5: GIS	16:00 - 17:30	S-5
Theme N° 10: Map Projections	16:00 - 17:30	S-6
Meetings - Late Afternoon		
Standards Commission	16:00 - 17:30	R-1
Mapping Africa W. G. (I)	16:00 - 17:30	R-2
Social Event		
Video (presented by Art & Cartography W.G.)	18:00 - 19:00	S-1 (Auditorium)

# 18th november

# wednesday

Description	Schedule	Location
<b>Third Plenary Session</b>		
Keynote Speaker Vanessa Lawrence (Ordnance Survey)	09:00 - 09:35	S1 – Main Auditorium
<b>Exhibitions</b>		
Technical-Commercial Exhibition	09:00 - 12:30	Covered Courtyard
International Cartographic Exhibition	09:00 - 12:30	Northern Corridor
Exhibition of Scientific Posters	09:00 - 12:30	Southern Corridor
Exhibition of Children's Maps	09:00 - 12:30	Cafeteria
<b>Technical Visit</b>		
Aero-Photogrammetric Service of the Air Force	09:45 - 13:00	SAF - Airport
<b>Technical Sessions - First Morning Session</b>		
Theme N° 13: Internet	09:45 - 10:30	S-2
Theme N° 3: Infrastructures - SDI	09:45 - 10:30	S-3
Theme N° 20: Geovisualization	09:45 - 10:30	S-4
Theme N° 7: History	09:45 - 10:30	S-5
Theme N° 6: Satellite Imagery	09:45 - 10:30	S-6
<b>Meetings - Early Morning</b>		
Cartographic Agencies – Opening	09:45 - 10:30	S-1 (Auditorium)
Cartography & Children Commission (I)	09:45 - 10:30	R-1

morning

11

# wednesday

# 18<sup>th</sup> november

morning

12

## Technical Sessions - Second Morning Session

Theme N° 13: Internet	11:00 - 12:30	S-2
Theme N° 3: Spatial Data Infrastructures	11:00 - 12:30	S-3
Theme N° 20: Geovisualization	11:00 - 12:30	S-4
Theme N° 7: History	11:00 - 12:30	S-5
Theme N° 6: Satellite Imagery	11:00 - 12:30	S-6

## Meetings - Late Morning

Cartographic Agencies – Presentations	11:00 - 12:30	S-1
Cartography & Children Commission (II)	11:00 - 12:30	R-1

## Mid-Day Interval

Third Poster Session	12:30 - 13:15	South Corridor
Lunch	12:30 - 14:00	Catering Area

# 18th november

# wednesday

Description	Schedule	Location
<b>Exhibitions</b>		
Technical-Commercial Exhibition	14:00 - 17:30	Covered Courtyard
International Cartographic Exhibition	14:00 - 17:30	Northern Corridor
Exhibition of Scientific Posters	14:00 - 17:30	Southern Corridor
Exhibition of Children's Maps	14:00 - 17:30	Cafeteria
<b>Technical Sessions – First Afternoon Session</b>		
Theme N° 13: Internet	14:00 - 15:30	S-2
Theme N° 3: Spatial Data Infrastructures	14:00 - 15:30	S-3
Theme N° 20: Geovisualization	14:00 - 15:30	S-4
To be announced	14:00 - 15:30	S-5
Theme N° 4: Hazards and Disasters	14:00 - 15:30	S-6
<b>Meetings - Early Afternoon</b>		
Cartographic Agencies – Round Table	14:00 - 15:30	S-1 (Auditorium)
Art & Cartography (I)	14:00 - 15:30	R-1

afternoon

13

# wednesday

# 18<sup>th</sup> november

afternoon

14

Technical Sessions- Second Afternoon Session		
Theme N° 13: Internet	16:00 - 17:30	S-2
Theme N° 3: Infrastructures - SDI	16:00 - 17:30	S-3
To be announced during conference	16:00 - 17:30	S-4
To be announced during conference	16:00 - 17:30	S-5
Theme N° 17: Users	16:00 - 17:30	S-6
Meetings - Late Afternoon		
Cartographic Agencies – Conclusions	16:00 - 17:30	S-1 (Auditorium)
Art & Cartography (II)	16:00 - 17:30	R-1
Social Event		
Equestrian Gala	18:00 - 19:00	Equestrian Center
Private Event – ICC 2011 (*)	19:00 - 21:00	

# 19th november

# thursday

Description	Schedule	Location
<b>Fourth Plenary Session</b>		
Keynote Speaker: Martien Molenaar (ITC)	09:00 - 09:35	S1 – Main Auditorium
<b>Exhibitions</b>		
Technical-Commercial Exhibition	09:00 - 12:30	Covered Courtyard
International Cartographic Exhibition	09:00 - 12:30	Northern Corridor
Exhibition of Scientific Posters	09:00 - 12:30	Southern Corridor
Exhibition of Children's Maps	09:00 - 12:30	Cafeteria
<b>Technical Visit</b>		
Hydrographic & Oceanographic Service of the Navy - SHOA	09:00 - 17:00	SHOA – City of Valparaíso
<b>Technical Sessions - First Morning Session</b>		
Theme N° 6: Satellite Imagery	09:45 - 10:30	S-1
Theme N° 13: Internet	09:45 - 10:30	S-2
Theme N° 3: Spatial Data Infrastructures	09:45 - 10:30	S-3
Theme N° 18: Education	09:45 - 10:30	S-4
Theme N° 1: Productions Systems	09:45 - 10:30	S-5
Theme N° 15: Multimedia	09:45 - 10:30	S-6

morning

15

# thursday

# 19<sup>th</sup> november

morning

16

Meetings - Early Morning		
Cartographic Projections Commission	09:45 - 10:30	R-1
Mountain Cartography Commission	09:45 - 10:30	R-2
Technical Sessions - Second Morning Session		
Theme N° 6: Satellite Imagery	11:00 - 12:30	S-1
Theme N° 13: Internet	11:00 - 12:30	S-2
Theme N° 3: Spatial Data Infrastructures	11:00 - 12:30	S-3
Theme N° 18: Education	11:00 - 12:30	S-4
Theme N° 1: Production Systems	11:00 - 12:30	S-5
Theme N° 9: Research Development	11:00 - 12:30	S-6
Meetings - Late Morning		
Atlases Commission	11:00 - 12:30	R-1
Maps & Society Commission (I)	11:00 - 12:30	R-2
All Commissions & W.G. with ICA E.C.	12:30 - 13:15	R-1
Preparatory Meeting for Orienteering Competition	12:30 - 13:15	R-2
Mid-Day Interval		
Fourth Poster Session	12:30 - 13:15	South Corridor
Lunch	12:30 - 14:00	Catering Area

# 19th november

# thursday

Description	Schedule	Location
<b>Exhibitions</b>		
Technical-Commercial Exhibition	14:00 - 17:30	Covered Courtyard
International Cartographic Exhibition	14:00 - 17:30	Northern Corridor
Exhibition of Scientific Posters	14:00 - 17:30	Southern Corridor
Exhibition of Children's Maps	14:00 - 17:30	Cafeteria
<b>Technical Sessions – First Afternoon Session</b>		
Theme N° 6: Satellite Imagery	14:00 - 15:30	S-1
Theme N° 23: Tourism	14:00 - 15:30	S-2
Theme N° 3: Spatial Data Infrastructures	14:00 - 15:30	S-3
Theme N° 20: Geovisualization	14:00 - 15:30	S-4
Theme N° 1: Atlases	14:00 - 15:30	S-5
To be announced during conference	14:00 - 15:30	S-6
<b>Meetings - Early Afternoon</b>		
Internet Commission	14:00 - 15:30	R-1
Cart. and Society Commission (II)	14:00 - 15:30	R-2

afternoon

17

# thursday

# 19<sup>th</sup> november

afternoon

18

Technical Sessions- Second Afternoon Session		
To be announced during conference	16:00 - 17:30	S-1
Theme N° 5: GIS for Sustainable Development	16:00 - 17:30	S-2
To be announced during conference	16:00 - 17:30	S-3
Theme N° 20: Geovisualization	16:00 - 17:30	S-4
Theme N° 14: Atlases	16:00 - 17:30	S-5
Theme N° 11: Geospatial Analysis	16:00 - 17:30	S-6
Meetings - Late Afternoon		
Use and Users Commission	16:00 - 17:30	R-1
Social Event		
Gala Dinner	19:30 - 23:00	Club Militar

# 20<sup>th</sup> november

# friday

Description	Schedule	Location
<b>Fifth Plenary Session</b>		
Keynote Speaker Mrs. Helen Kerfoot (UNEGN / NRC)	09:00 - 09:35	S1 – Main Auditorium
<b>Exhibitions</b>		
Technical-Commercial Exhibition	09:00 - 12:30	Covered Courtyard
International Cartographic Exhibition	09:00 - 12:30	Northern Corridor
Exhibition of Scientific Posters	09:00 - 12:30	Southern Corridor
Exhibition of Children's Maps	09:00 - 12:30	Cafeteria
<b>Social Event</b>		
Orienteering Competition	09:00 - 13:00	Hacienda Santa Martina
<b>Technical Sessions - First Morning Session</b>		
Theme N° 12: Toponymy	09:45 - 10:30	S-1
Theme N° 29: Children	09:45 - 10:30	S-2
Theme N° 8: Physical Handicap	09:45 - 10:30	S-3
Theme N° 5: GIS for Sustainable Development	09:45 - 10:30	S-4
To be announced during conference	09:45 - 10:30	S-5
Theme N° 18: Education	09:45 - 10:30	S-6

morning

19

# friday

# 20<sup>th</sup> november

morning  
20

Meetings - Early Morning		
Theory Commission	09:45 - 10:30	R-1
Ubiquitous Cartography Commission	09:45 - 10:30	R-2
Technical Sessions - Second Morning Session		
Theme N° 12: Toponymy	11:00 - 12:30	S-1
Theme N° 29: Children	11:00 - 12:30	S-2
Theme N° 8: Physical Handicap	11:00 - 12:30	S-3
Theme N° 5: GIS for Sustainable Development	11:00 - 12:30	S-4
To be announced during conference	11:00 - 12:30	S-5
Theme N° 18: Education	11:00 - 12:30	S-6
Meetings - Late Morning		
Generalization Commission	11:00 - 12:30	R-1
Africa Working Group (II)	11:00 - 12:30	R-2
Mid-Day Interval		
Fifth Poster Session	12:30 - 13:15	South Corridor
Lunch	12:30 - 14:00	Catering Area

# 20<sup>th</sup> november

# friday

Description	Schedule	Location
<b>Exhibitions</b>		
Technical-Commercial Exhibition	14:00 - 17:30	Covered Courtyard
International Cartographic Exhibition	14:00 - 17:30	Northern Corridor
Exhibition of Scientific Posters	14:00 - 17:30	Southern Corridor
Exhibition of Children's Maps	14:00 - 17:30	Cafeteria
<b>Technical Sessions – First Afternoon Session</b>		
Theme N° 19: Generalization	14:00 - 15:30	S-1
Theme N° 2: Basic Cartography	14:00 - 15:30	S-2
Theme N° 7: History	14:00 - 15:30	S-3
Theme N° 4: Hazards + Disasters	14:00 - 15:30	S-4
To be announced during conference	14:00 - 15:30	S-5
Theme N° 20: Geovisualization	14:00 - 15:30	S-6
<b>Meetings - Early Afternoon</b>		
Census Working Group	14:00 - 15:30	R-1

afternoon

21

Technical Sessions- Second Afternoon Session		
Theme N° 17: Users	16:00 - 17:30	S-1
Theme N° 2: Basic Cartography	16:00 - 17:30	S-2
Theme N° 7: History	16:00 - 17:30	S-3
Theme N° 4: Hazards + Disasters	16:00 - 17:30	S-4
To be announced during conference	16:00 - 17:30	S-5
Theme N° 20: Geovisualization	16:00 - 17:30	S-6

Description	Schedule	Location
<b>Exhibitions – Morning (Final Period)</b>		
Technical-Commercial Exhibition	09:00 - 12:30	Covered Courtyard
International Cartographic Exhibition	09:00 - 12:30	Northern Corridor
Exhibition of Scientific Posters	09:00 - 12:30	Southern Corridor
Exhibition of Children's Maps	09:00 - 12:30	Cafeteria
<b>Technical Sessions - First Morning Session</b>		
Theme N° 17: Users	09:00 - 10:30	S-1
Theme N° 19: Generalization	09:00 - 10:30	S-2
Theme N° 24. Art	09:00 - 10:30	S-3
Theme N° 9: Research & Development	09:00 - 10:30	S-4
Theme N°19: Generalization	09:00 - 10:30	S-5
To be announced during conference	09:00 - 10:30	S-6
<b>Meetings - Early Morning (Meetings in Late Morning to be announced)</b>		
National Committees of the ICA (II)	09:45 - 10:30	R-1
Crime Mapping Meeting (tentative)	09:45 - 10:30	R-2

## Technical Sessions - Second Morning Session

Theme N° 17: Users	11:00 - 12:30	S-1
Theme N° 19: Generalization	11:00 - 12:30	S-2
Theme N° 24. Art	11:00 - 12:30	S-3
Theme N° 9: Research & Development	11:00 - 12:30	S-4
To be announced during conference	11:00 - 12:30	S-5
To be announced during conference	09:00 - 10:30	S-6

## Mid-Day Interval

Sixth Poster Session	12:30 - 13:15	South Corridor
Lunch	12:30 - 14:00	Catering Area

## Ceremonies

Closing Ceremony: - Awards and Recognitions - Presentation of ICC 2011 (France) - Closing Speeches	14:00 - 16:00	S-1 (Main Auditorium)
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## Exhibitions – Afternoon

Removal of Cartographic Exhibition articles	14:00 - 18:00	Northern Corridor
Removal of Posters by Authors	14:00 - 18:00	Cafeteria

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