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2nd Biennial Meeting

*The Association  
for European  
Cardiovascular  
Pathology*

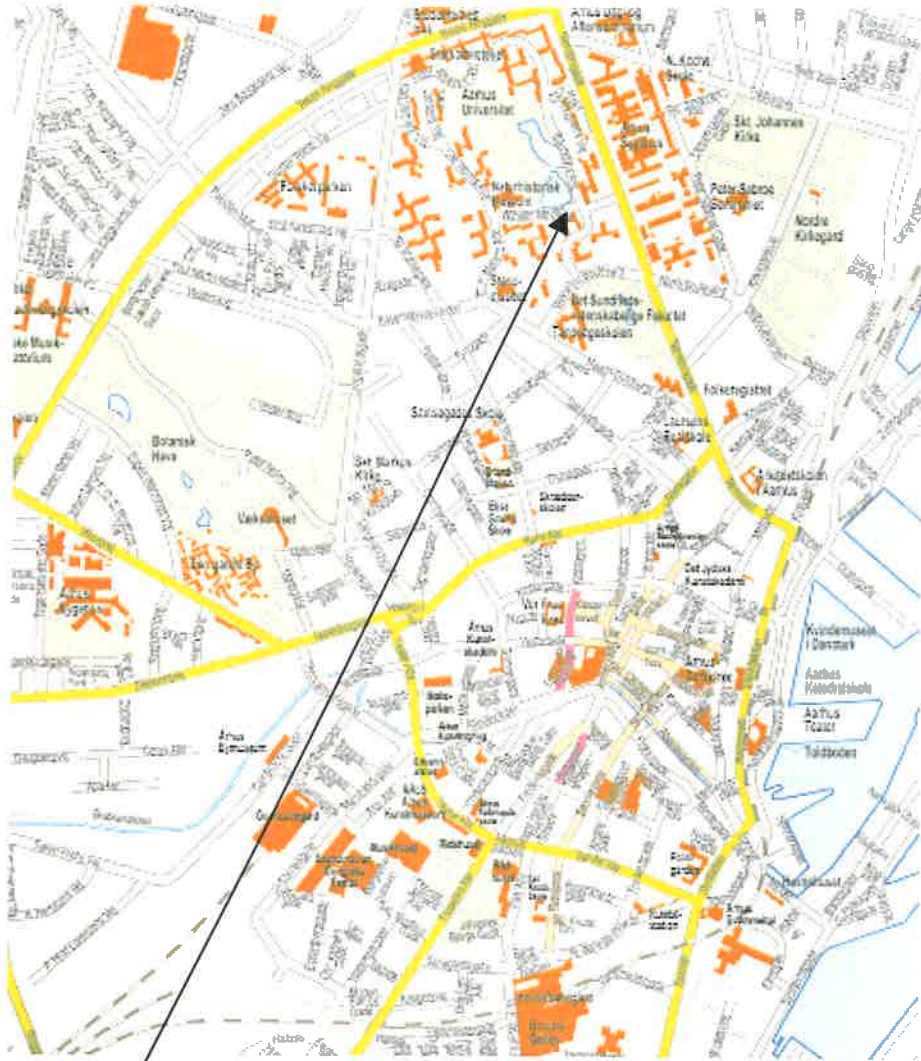
*November 2 - 4, 2006*

*Aarhus, Denmark*



*Final Programme*

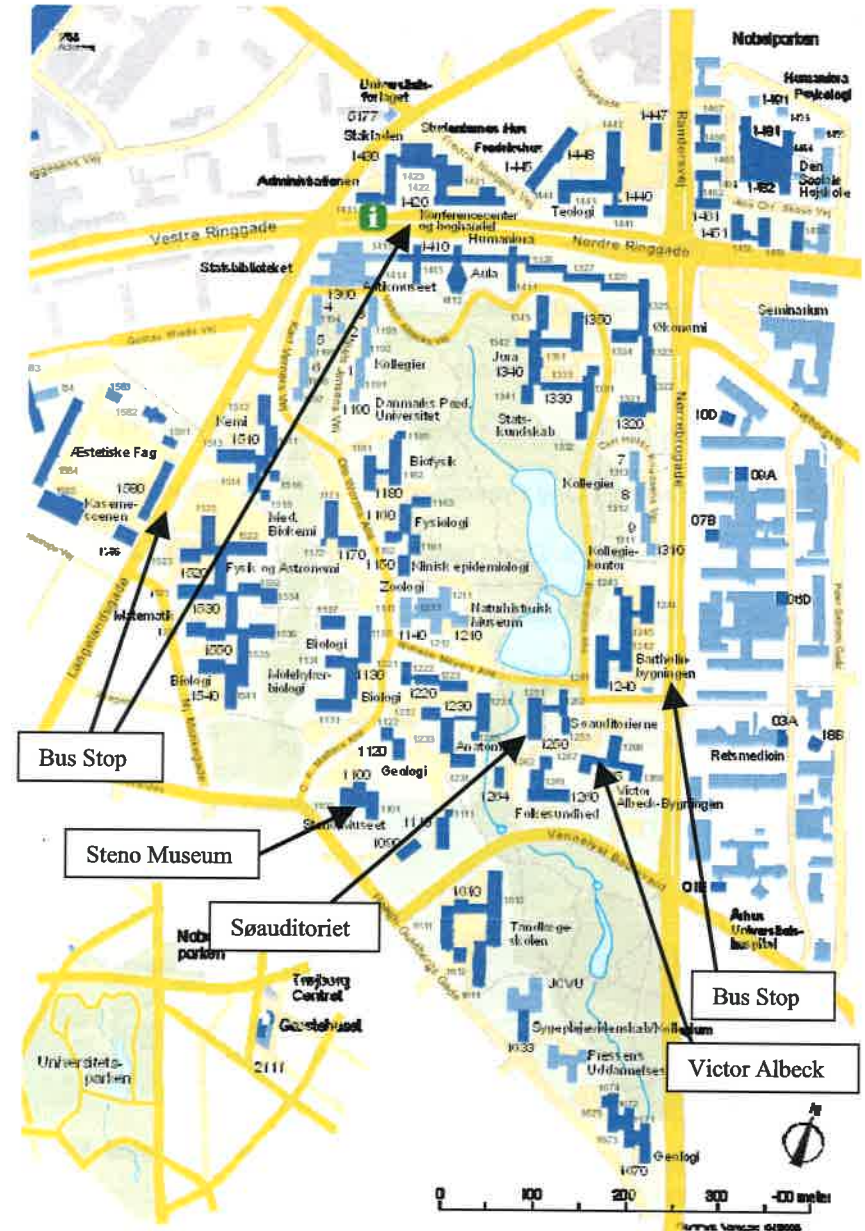
# Aarhus City



Aarhus University

Map of Aarhus City

# Aarhus University



Map of Aarhus University

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**AROS -the new museum of art in Aarhus**



**A Staircase inside AROS**

## AECVP Concils

### AECVP COUNCIL

President:	Gaetano Thiene, Padua, Italy
Past-president:	Anton E. Becker, Amsterdam, The Netherlands
Vice-President/President Elect.:	Patrick J. Gallagher, Southampton, The United Kingdom
Secretary/Treasurer:	Allard C. van der Wal, Amsterdam, The Netherlands
Councillors:	Marck Knckx, Antwerp, Belgium Hans-Anton Lehr, Mainz, Germany Patrick Bruneval, Paris, France
Standing Committees:	
Educational:	Chairman Ulrik Baandrup, Aarhus, Denmark Margaret Burke, Harefield, The United Kingdom C. James Kirkpatrick, Mainz, Germany
Membership:	Chairman Annalisa Angelini, Padua, Italy Rainer Bohle, Giessen, Germany S. Kim Suvarna, Sheffield, The United Kingdom
Nominating:	Chairman Anton E. Becker, Amsterdam, The Netherlands Rosa Henriques de Gouveia, Lisbon, Portugal Paul Fornes, Paris, France
Website:	Cristina Basso, Padua, Italy
The Danish Organizing Committee	Ulrik Baandrup Torsten Toftegaard Nielsen Michael Hasenkam Henning Mølgaard Thomas Ledet Christian Aalkjær Karen Ege Olsen Claus Bøgelund Andersen
Scientific Committee	Ulrik Baandrup Patrick Gallagher Allard van der Wal, Amsterdam, Netherlands Margaret Burke, Harefield, United Kingdom

## WELCOME TO ÅRHUS

The 2nd Biennial Meeting of our Association takes place in Århus, Denmark.

On behalf of the organizers and our Association I most cordially welcome you to our "place". We have been looking forward to seeing you for a long time.

Århus is beautifully situated in typical East Jutland countryside, a green valley with beaches and woods within easy reach.

Århus is old, has about 300.000 inhabitants, and is situated at the mouth of a small river where it runs out into the bay.

In around 948 a Bishopric was established in Århus, becoming permanent in 1060. The fact that this town became the third Bishopric in Jutland tells us something about its status as a trading centre.

The foundation stone of the Cathedral was laid in 1201, and at about the same time the West Wall was breached and a gate built on the site now known as Borgporten. The quays were gradually extended outward towards the bay. Houses were erected outside the walls with new streets and roads.



Aarhus Cathedral

The old Custom House at the Harbour



Welcome

Second Biennial Meeting of The Association for European Cardiovascular Pathology

Århus is the second largest city in Denmark, with a population of 300,000, an expanding business community, university and institutions of higher education with some 30,000 students, all of which contribute to the cultural life. Attractive restaurants and cafés, fascinating shopping centres, active, interesting theatres and museums, The Concert Hall, The Aarhus Symphony Orchestra, The Danish National Opera, - all part of the vast range of cultural entertainment. The city is superbly situated overlooking the bay, the distant hills, and with woodlands a mere step away. Close to the city centre Marselisborg, the summer residence of Queen Margrethe II is situated with a view to the bay. The park of the palace is open to the public when the royal family is not in residence.



Many teaching institutions, including Aarhus University, are gathered in Århus. There are many young people, which certainly influences daily life and culture.

In a way this meeting signals a kind of return to the Amsterdam Model of our meetings: informal and with responsibility for the individual member to arrange (and pay for) hers or his participation.

If this is the way it shall develop we will find out about during coming years.

Let us unite in strengthening our Biennials, enjoy that we are here and look forward to meeting in 2 years' time in London.

I wish you a nice stay and a hopefully rewarding meeting.

Ulrik Baandrup



Aarhus in the Viking age



Same river in Aarhus today

Welcome

Second Biennial Meeting of The Association for European Cardiovascular Pathology

## General Information

### GENERAL INFORMATION

#### Badges

The name badge and tickets issued on registration are required for admission to the scientific sessions, social events and lunches. If the badge is lost, please contact the registration desk.

#### Certificate of Attendance:

A certificate of attendance will be available at the Registration Desks on Saturday 4<sup>th</sup> of November. Only participants registered for all 3 days will qualify for certification.



#### Chairmen

The chairmen should be present in the session halls at least 10 minutes before the beginning of the session.

#### Coffee breaks

During breaks, refreshments (coffee and tea) will be served in the foyer outside the Plenary hall.

#### Language

English is the official language of the meeting.

#### Lunch

Lunch is NOT included in the registration fee. Lunch is served on 2, 3 and 4 November – DKK 75 per day. Lunch tickets have been issued to at registration.



Steno Museum

#### Material for presentation

All material for oral presentations must be delivered by arrival to the staff at the registration desk  
Posters should be mounted as soon as possible after arrival.

## General Information

### Registration / information desk

The registration desk is located in the foyer. Please register as soon as possible. Bookings for the Congress Dinner will be accepted on-site, subject to availability.

#### Opening hours:

Thursday 2 November	10.00 – 13.00
Friday 3 November	08.30 - 11.00 + 13.15 – 14.15
Saturday 4 November	08.00 – 13.00

#### Social Programme:

Thursday 2<sup>nd</sup> of November at 19.00

*Informal Cocktail Party* at the Steno Museum, Aarhus University.

Friday 3<sup>rd</sup> of November at 20.00

*Congress Dinner* at Hobrohuset, The Old Town, Aarhus. Bookings for the Congress Dinner will be accepted on-site, subject to availability.

#### Venues:

The Board Meeting will be held at Viktor Albeck Bygningen on Vennelyst Boulevard Thursday 2, at 9.00 – 11.00 a.m..

The 2.<sup>nd</sup> Biennial Meeting will take place at Aarhus University in a new building "Søauditoriet" on Wilhelm Meyers Vej in the University Park.

The Cocktail Party on Thursday evening will be held in "The Steno Museum" also situated at Aarhus University close to "Søauditoriet" on C.F.Møllersvej .

To enjoy the Congress Dinner on Friday evening we will meet in "Hobrohuset" in "The Old Town" placed in the middle of Aarhus.  
(Entrance at Viborgvej/Eugen Warmings Vej)

#### Bank and currency exchange

Bank and exchange offices are within 10 minutes walking distance from the venue.

#### Opening hours:

Monday-Friday	09.30-16.00
Thursday	09.30-18.00
Saturdays and Sundays	Closed

#### Car rental

Cars can be rented from either local or international companies. Please contact the staff at the registration desk for assistance.

## General Information

### Climate:

The weather in Denmark in November can be windy and about 0-10°C and sometimes frosty.

### Dining out

Most restaurants are open from 11:30 – 24:00. However, hot meals are rarely served after 22:00. Service charges are included.

### Emergency phone numbers

<b>Emergency phone (police, fire, ambulance)</b>	<b>(+45) 112</b>
Falck rescue services	(+45) 70 10 20 30
Police	(+45) 87 31 14 48
Casualty Dept. of Aarhus Hospital	(+45) 87 31 50 50
Doctor (outside hours)	(+45) 86 20 10 22
Dentist (outside hours)	(+45) 40 51 51 62
Chemists (outside hours)	(+45) 86 12 00 22

### Insurance and liability

Neither the organizers, nor the University take any responsibility for injury or damage involving persons or property during the meeting. Participants are advised to take out their own health and travel insurance.

### Official meeting hotels

Hotel Ritz	(+45) 8613 4444
Scandic Hotel Plaza	(+45) 8732 0100
Cab Inn	(+45) 8675 7000

### Taxis

Taxi stands are located throughout Aarhus city centre. Direct call 70 338 338.



Old and young inhabitants of Aarhus

## Thursday the 2<sup>nd</sup> of November 2006

### Thursday, November 2, 2006

- 10.00 - 13.00 Registration at Søauditoriet and Sandwich lunch
- 13.00 - 13.30 **Key Note Lecture:**  
Erling Falk, Aarhus, DK: Vulnerable atherosclerotic plaques.  
*Introduced by Torsten Toftegaard Nielsen, Aarhus, DK*
- Symposium 1 - Atherosclerosis**  
Chairpersons: Paul Fornes, Paris, F and Karen Ege Olsen, Odense, DK
- 13.30 - 13.50: Onno J de Boer, Amsterdam, NL: Atherosclerosis and infection.
- 13.50 - 14.10 A.C. Langheinrich, Giessen, D: Microvessels in atherosclerotic plaques.
- 14.10 - 14.30 Jacob Bentzon, Aarhus, DK: Role of smooth muscle progenitor cells in atherosclerotic plaques.
- 14.30 - 14.50 Thomas Ledet, Aarhus, DK: Diabetic angiopathy – is it atherosclerosis?
- 14.50 - 15.10 Discussion.
- 15.10 - 16.00 Coffee Break / Poster viewing.
- 16.00 - 17.00 **Moderated poster session**  
Chairperson: Chris Ihling, Frankfurt, D, Christian Aalkjær, Aarhus, DK and Claus B. Andersen, Copenhagen, DK
- 17.05 - 17.50 **Master Lecture:**  
A.C. Newby, Bristol Heart Institute, Bristol, UK:  
Metalloproteinases in arterial disease.  
*Introduced by Gaetano Thiene, Padua, I*
- 18.30 - 21.00 Steno Museum: Cocktail party.

## Friday the 3<sup>rd</sup> of November 2006

### Friday, November 3, 2006

#### 09.00 - 09.30 **Key note Lecture:**

Michael Mulvany, Aarhus, DK: Microcirculation in/and hypertension.

*Introduced by Ulrik Baandrup, Aarhus, DK*

#### **Symposium 2 - Microcirculation.**

Chairpersons: Rosa Henriques De Gouveia, Lindha-a-Velha, P and Michael Hasenkam, Aarhus, DK

09.30 - 09.50 Hans Erik Bøtker, Aarhus, DK: Coronary microcirculation in health and disease.

09.50 - 10.10 Hans-Anton Lehr, Lausanne, CH: Models of microcirculation in vivo: challenges and applications. (No abstract printed).

10.10 - 10.30 James Kirkpatrick, Mainz, D: Models of microcirculation in vitro: Challenges and applications.

10.30 - 10.50 Discussion

10.50 - 11.15 Coffee Break

11.15 - 12.00 Gaetano Thiene, Padua, I: Training of cardiovascular pathologists – Consensus document AECVP.

12.00 - 12.15 Discussion

#### 12.15 - 13.15 **Free communication session 1.**

Chairpersons: Mary Sheppard, London, UK and Hans Eiskjær, Aarhus, DK

*Dalager S., Kristensen I. B., Paaske, W. P., and Falk, E.: Adventitial Lymphocyte Infiltration – A Marker of Systemic Inflammatory Activation And Coronary Death?*

*J.J. van der Meer, P. Teeling, A.C. van der Wal, O.J. de Boer: T Cell Responses Against Multiple Pathogens Occur in Human Atherosclerotic.*

## Friday the 3<sup>rd</sup> of November 2006

*Torkel Falk, DVM, Lennart Jönsson, DVM, Dipl ECVP, PhD, Lisbeth H. Olsen, DVM, Dr Vet Sci, Henrik D. Pedersen, DVM, Dr Vet Sci.:*

Arteriosclerotic changes in myocardium, lung and kidney in dogs with chronic congestive heart failure and myxomatous mitral valve disease.

*Jens Rolighed Larsen MD, Søren Aagaard MD, J. Michael Hasenkam MD DMSc, Erik Sloth MD PhD DMSc.:* Ischaemic Preconditioning but not Sevoflurane reduces myocardial infarct size in a porcine closed-chest coronary occlusion model

*Steen B Kristiansen, Bo Løfgren, Nicolaj B Støttrup, Dinah Khatir, Jens Erik Nielsen Kudsk, Torsten T Nielsen, Hans Erik Bøtker, Allan Flyvbjerg:* Ischemic preconditioning does not protect the heart in obese and lean animal models of Type 2 diabetes

13.15 – 14.15 Sandwich Lunch

#### 14.15 - 15.30 **Free communication session 2.**

Chairpersons: S. Kim Suvarna, Sheffield, UK, Thomas Ledet, Aarhus, DK

*Morten Smerup MD, Christian Høyer MS, Jonas Funder MS, Camilla Nielsen MS, Erling Falk MD DMSc, J. Michael Hasenkam MD DMSc.:* Calcification of Bioprosthetic Heart Valves in a Long-term Porcine Model.

*Wohlschlaeger Jeremias, Schmitz Klaus Jürgen, Levkau Bodo, Schmid Kurt Werner, Baba Hideo Andreas:* Roles of Cyclooxygenase-2 and phosphorylated Akt (Thr308) in cardiac hypertrophy regression mediated by left-ventricular unloading Calcification of Bioprosthetic Heart Valves in a Long-term Porcine Model.

*Elisa Carturan BSc PhD, David J. Tester BSc, Cristina Basso MD PhD, Gaetano Thiene MD FRCP, Michael J. Ackerman MD PhD:* Evaluation of Different DNA Extraction Methods in Archival Heart Tissue for Postmortem Mutational Analysis

*Ivana Kholová, Pia Leppänen, Riikka Juhola, Felicitas Yongabi, Marie Ludvíková, Nina Kaskenpää, Galina Dragneva, Veli-Matti Kosma, Seppo Ylä-Herttua:* Morphological and Molecular Changes in Lymph Nodes and issues After Local Adenoviral Gene Transfer of Vascular Growth Factors into Mouse Hind Limb Skeletal Muscle – Safety Study

## Friday the 3<sup>rd</sup> of November 2006

S.M.H. Rizvi, MN Sheppard: The spectrum of drug related morphological changes in the heart - a review of six cases

15.30 - 16.00 Coffee Break

16.00 - 17.30 *Odd cases session / "What is it?"*  
Chairperson: P. Gallagher, Southampton, UK

*Suvarna SK, Kolar S, Milroy CM: Sudden death from stress.*

*Aierkeen Abudureheman, MD, PhD, Cristina Basso, MD, PhD, Gaetano Thiene, MD: A Fatal "Renal Colic" in a 37 year old Man*

*RH Gouveia, M Paulo, MJ Dias, IP Ribeiro: Sudden Cardiac Death – What Caused it?*

*Wei. L., MN Sheppard: Masses in the Heart.*

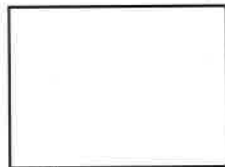
*Paul Fornes, Patrick Bruneval: Triple Valvulopathy. High Price, Good Compensation*

*Patrick J Gallagher: A red heart*

*Paul Fornes, Sylvestre Marechaux, Catherine Poisson, Claire Boulle, Stephanie Petit, D. Thevenin, Patrick Bruneval, Pierre-Vladimir Ennezat: An Unusual Case of Myocardial Akinesia. How Pathology can Help?*

17.30 - 18.30 Business Meeting

20.00 - 23.30 Congress Dinner



The Music Hall

New buildings  
are created  
and old buildings survive  
in Aarhus



Hobrohuset

Scientific Program

Second Biennial Meeting of The Association for European Cardiovascular Pathology

## Saturday the 4<sup>th</sup> of November 2006

### Saturday, November 4, 2006

08.30 - 9.00 **Key Note Lecture:**

Marlene Rose, Harefield, UK: Role of antibodies in cardiac allograft rejection.

*Introduced by Margaret Burke, Harefield, UK*

### **Symposium III – Transplantation**

Chairpersons: Rainer Bohle, Giessen, D and Henning Mølgaard, Aarhus, DK

09.00 - 09.20 *Claus B. Andersen, Copenhagen, DK: Revision of the ISHLT cardiac allograft rejection grading system.*

09.20 - 09.40 *M. van Oosterhout, Utrecht, NL: Immunopathology of allograft vasculopathy.*

09.40 - 10.00 *Annalisa Angelini, Padua, I: Antibodymediated rejection – the 2005 ISHLT system in practice.*

10.00 - 10.15 Discussion.

10.15 - 10.45 Coffee Break.

10.45 - 11.45 "What is it?" – Four cases from the world of cardiac transplantation  
Chairperson: Margaret Burke, Harefield, UK

*RH Gouveia, MJ Rebocho, AP Martins, CHLO - Hospital de Santa Cruz: Death at the 4<sup>th</sup> Day After Heart Transplantation – What Caused It?*

*Desley Neil, Majid Mukadam, David Briggs, Ian Wilson, Jorge Mascaro, Robert Bonser: University Hospital Birmingham, NHS Foundation Trust: Monitoring the Graft – What Does It All Mean?*

*Annalisa Angelini: Not received for printing.*

*Margaret Burke, Harefield, London: Breathless Before Heart Transplantation, Breathless After Heart Transplantation – What's New?*

Scientific Program

Second Biennial Meeting of The Association for European Cardiovascular Pathology



# Saturday the 4<sup>th</sup> of November 2006

11.45 - 12.15 **Special key note lecture:**

Patrick Bruneval, Paris, F: The role of the cardiac pathologist working with the cardiac surgeon.

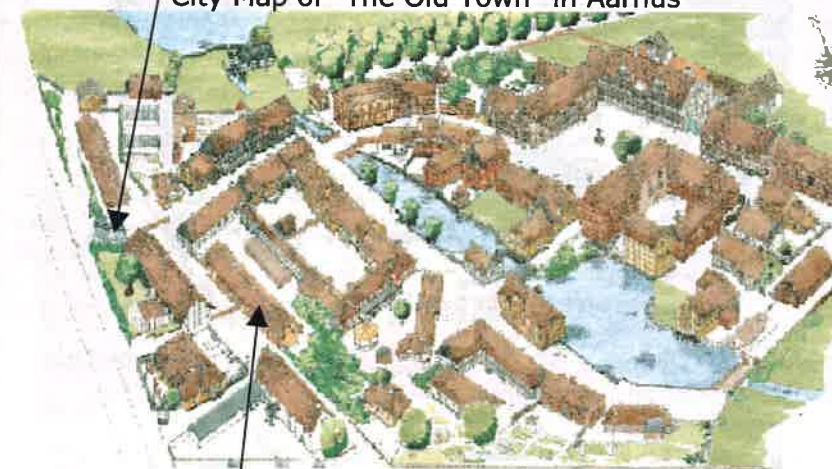
*Introduced by Cristina Basso, Padua, I*

12.15 – 12.30 **Closure of Meeting.**

12.30 – 13.00 Sandwich lunch.

Entrance from Eugen Warmings Vej

City Map of "The Old Town" in Aarhus



Hobrohuset

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