WELCOME

to the

AIDE Final Workshop and Exhibition

Angelos Amditis, ICCS

Workshop's Objectives

- ✓ To present the AIDE innovations and achievements.
- ✓ To demonstrate the AIDE results.
- ✓ To share the knowledge created.
- ✓ To discuss exploitation opportunities of the AIDE results.
- ✓ To discuss the future steps and needs after AIDE.
- ✓ To celebrate the successful closure of AIDE project.

Venue Details

M1 M1
- Ground floor: M1 exhibition area
- Floor 3: M1.301 and M1.304 session rooms

M2 M2
- M2 session room
- Registration/information desk
- Press point

1. Hotel11 bus stop (see Logistics and information)
2. Public bus stop 'Regnbågsgatan' (see Logistics and information)
3. Public ferry stop 'Lindholmspiren' (see Logistics and information)
4. Free parking for conference guests

Workshop's Program – Day 1

M2 session room

M1 exhibition area

08.30	Registration & Coffee (registration/information desk in M2 building)		
09.30	**Opening and Introduction** Moderator: Ulf Palmquist, EUCAR	Welcome and opening	Ulf Palmquist, Director, EUCAR
		Welcome / keynote speeches	Zita Gurmai, Member of the European Parliament
			André Vits, Head of Unit, ICT for Transport, European Commission
			Malin Persson, CEO, Volvo Technology
		Introduction to AIDE IP	Gustav Markkula AIDE IP Coordinator, Volvo Technology
		Overview of workshop	Angelos Amditis, AIDE Dissemination Manager, ICCS
10.30	Coffee break		
11.00	**Overview of AIDE Results** Moderator: Gustav Markkula, Volvo Technology	Sub-Project 1: Behavioural effects and Driver-Vehicle-Environment Modelling	Roberto Montanari, University of Modena
		Sub-Project 2: Evaluation and Assessment Methodology	Klaus Bengler, BMW
		Sub-Project 3: Design and Development of an Adaptive Integrated Driver-Vehicle Interface	Angelos Amditis, Institute of Communication and Computer Systems
11.55	Walk to the exhibition area		

Workshop's Program – Day 1

TOWARDS FUTURE AUTOMOTIVE HMI AIDE final workshop and exhibition April 15-16, 2008, Gothenburg

				Opening of exhibition
				Lunch at the exhibition area
14:00	**Automotive HMI: Current Status and Future Challenges** Moderator: Peter Burns, Transport Canada	An OEM perspective on HMI status and research needs	Lutz Eckstein, General Manager Ergonomics and HMI, BMW Group	Exhibition remains open
		Results and recommendations of the US SAVE-IT project	Matthew R Smith, Senior Human Factors Scientist, Delphi Electronics and Safety	
		AIDE and EUCAR SGI perspective on future research needs	Luisa Andreone, CRF, Leader EUCAR working group on HMI and AIDE SP3 vice-leader	
		Round table discussion	Above speakers, and: André Vits, Head of Unit, ICT for Transport, European Commission Dietrich Manstetten, Senior Consultant on HMI, Corporate Research, Bosch Richard van der Horst, Business Developer Traffic and Transport, TNO	
15:45	Coffee break			
16:15	**Agreeing on Common Solutions** Moderator: Harald Berninger, Opel	Nomadic Device integration in AIDE	Mike Gardner, Motorola	
		The Nomadic Device Forum	Gustav Markkula, Volvo Technology	
		AIDE recommendations for guidelines and standards	Christhard Gelau, BASt	
17:15	Session ends			
18.00				Exhibition closes
19.30	Social event at RiverCafé, near Hotel11 (see *Logistics and information*, bring your dinner ticket)			

Workshop's Program – Day 2

	M2 session room	M1.301 session room	M1.304 session room	M1 exhibition area
08.30	Registration opens (registration/ information desk in M2 building)			
09.00				Exhibition opens
9:45				Overview of the parallel sessions – Gustav Markkula, Volvo Technology
	Walk to session rooms			
10:10	**Parallel session SP3** Design and Development of an Adaptive Integrated Driver-vehicle Interface (see separate agenda)	**Parallel session SP2** Evaluation and Assessment Methods (see separate agenda)	**Parallel session SP1** Behavioural Effects and Driver-Vehicle-Environment Modelling (see separate agenda)	Exhibition remains open
11:10	Coffee break			
11:30	**Parallel session SP3** continues (see separate agenda)	**Parallel session SP2** continues (see separate agenda)	**Parallel session SP1** continues (see separate agenda)	
12:30	Parallel sessions end			Lunch at the exhibition area
14:00	**Workshop Conclusions and AIDE Official Closure** – AIDE Sub-Project leaders; AIDE IP Coordinator			Exhibition remains open
14:40	Plenary session ends			
15.30				Exhibition closes

Workshop's Program – Day 2
Parallel Session SP1

Parallel session SP1

M1.304 session room

	Parallel session SP1 - Behavioural Effects and Driver-Vehicle-Environment Modelling Moderator: Roberto Montanari, UNIMORE	
10.10	Welcome and introduction to SP1 (UNIMORE)	
	Behavioural effects of driver assistance systems	Introduction on objectives and overview of experiments (INRETS)
		Short term results (VTI/TNO)
		Long term results (Leeds)
		Open discussion (All)
11.10	Coffee Break	
11.30	Driver-vehicle-environment modelling and simulation	Driver-vehicle-environment model (CRF)
		Driver - Vehicle Environment simulation (KITE)
		Tuning and validation of Driver model (UNIMORE)
		Open discussion and conclusions (All)
12.30	Parallel session ends	

Workshop's Program – Day 2
Parallel Session SP2

Parallel session SP2

M1.301 session room

	Parallel session SP2 - Evaluation and Assessment Methods Moderator: Rino Brouwer, TNO	
10.10	Welcome and introduction to SP2 (TNO)	
	AIDE evaluation and assessment methods	Driver workload and distraction assessment methods and tools (VTEC)
		Generic evaluation methodology (CRF)
		Open discussion (All)
11.10	Coffee Break	
11.30	AIDE prototype evaluation	Introduction; Evaluation of Volvo truck prototype (VTI)
		Evaluation of Fiat prototype (TNO)
		Evaluation of SEAT prototype (CIDAUT)
		Open discussion and conclusions (All)
12.30	Parallel session ends	

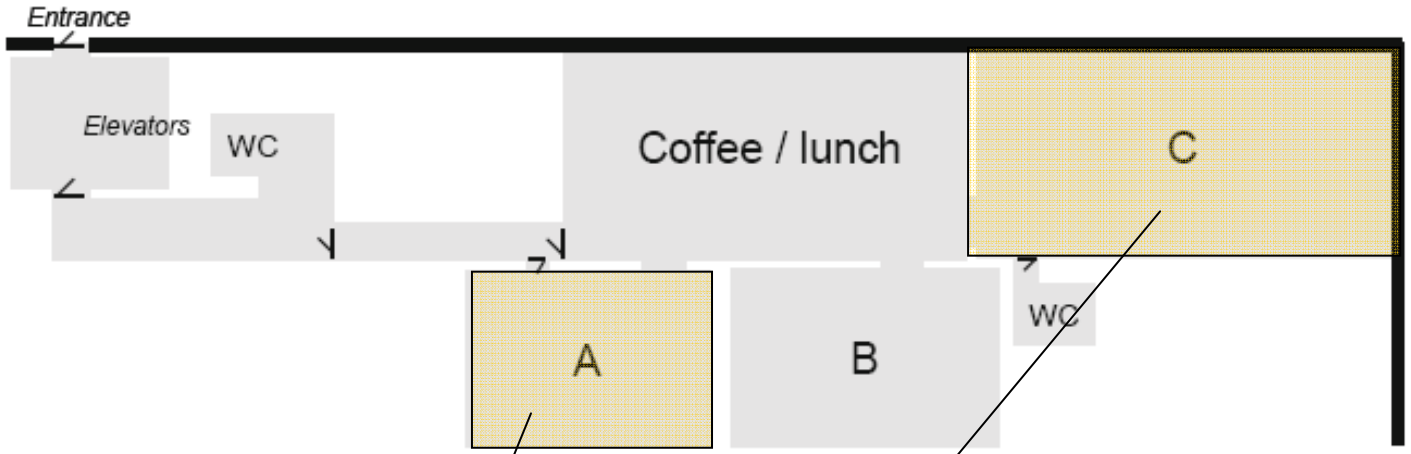
Workshop's Program – Day 2
Parallel Session SP3

M2 session room

	Parallel session SP3 - Design and Development of an Adaptive Integrated Driver-vehicle Interface Moderator: Angelos Amditis, ICCS	
10.10	Welcome and introduction to SP3 (ICCS)	
	AIDE system requirements and specifications	AIDE use cases and scenarios (SEAT)
		Input/output devices in AIDE (VTEC)
		AIDE system architecture (BOSCH)
		Open discussion (All)
11.10	Coffee break	
11.30	AIDE system implementation	Driver-vehicle-environment monitoring modules (ICCS)
		Interaction and Communication Assistant module (CRF)
		AIDE prototype vehicles (VTEC)
		Open discussion and conclusions (All)
12.30	Parallel session ends	

Poster Sessions

Exhibition (M1 building)

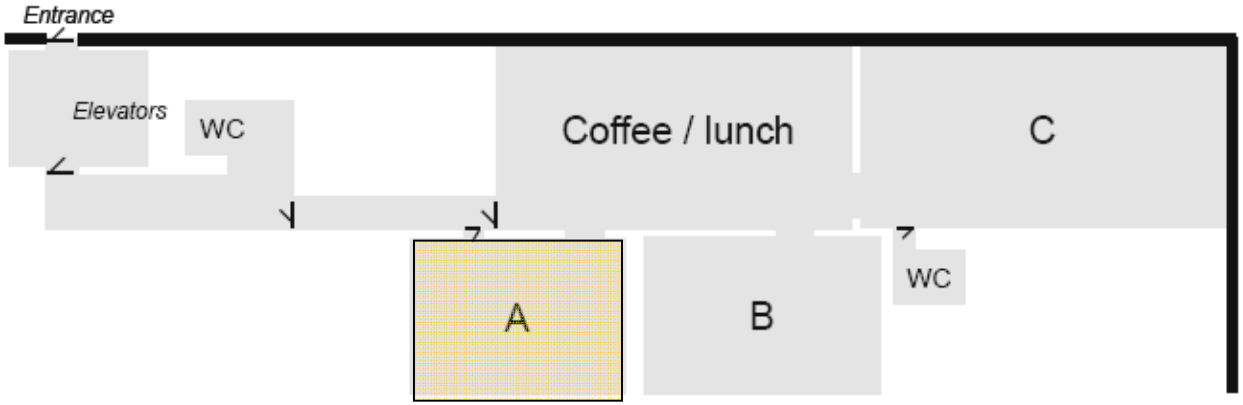


Poster Sessions

36 AIDE posters
(7 SP1,12 SP2, 17 SP3)
3 External Posters

Exhibition – Room A

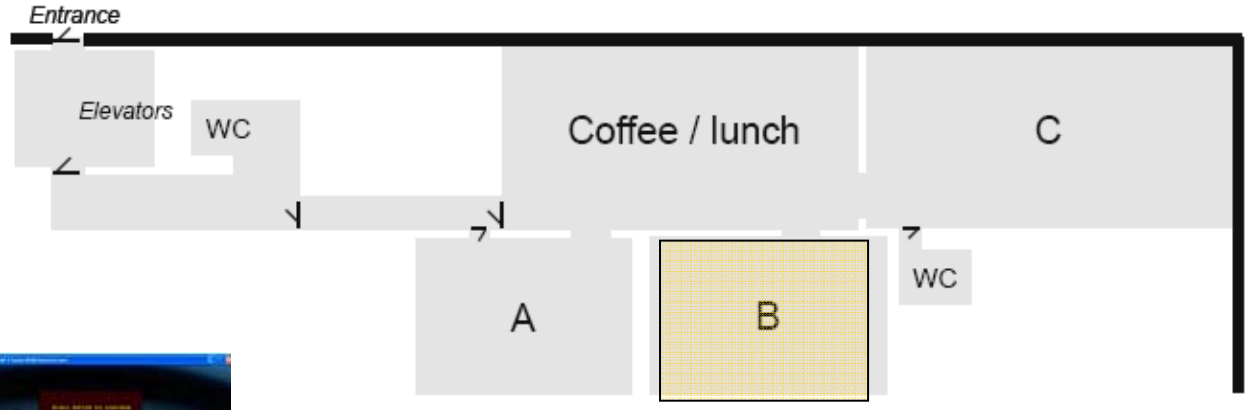
Exhibition (M1 building)



- Lane Change Test (LCT) Demo (SP2)
- Computational simulations of the Driver-Vehicle-Environment model (SP1)
- Truck virtual prototype – Integration AIDE-PReVENT and HMI evaluation tools (SP2/SP3)

Exhibition – Room B

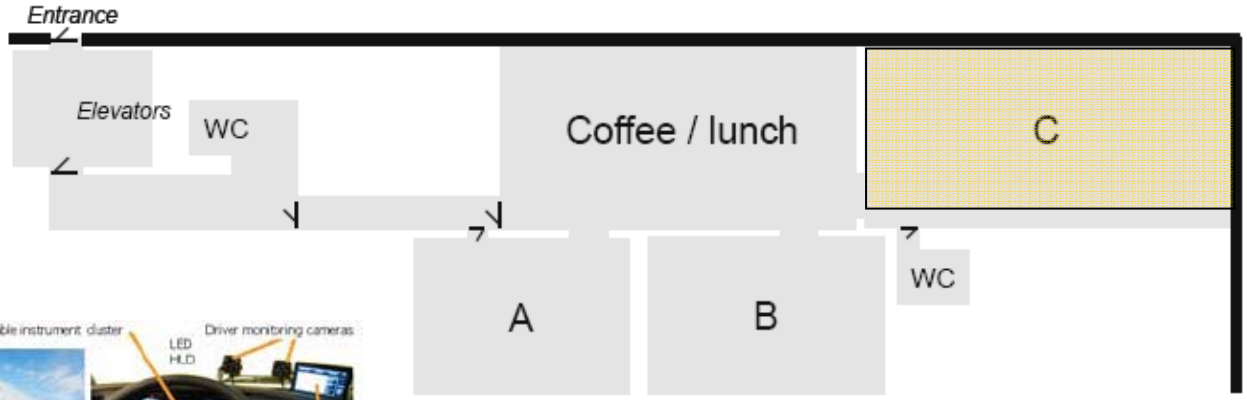
Exhibition (M1 building)



- **Speech Input/Output Component (SP3)**
- **AIDE virtual HMI prototyping (SP3)**
- **AIDE prototype vehicle – SEAT demonstrator (SP3)**

Exhibition – Room C

Exhibition (M1 building)



- Interaction and Communication Assistant (SP3)
- Driver State Degradation (DSD) DVE monitoring module (SP3)
- Driver's Availability Estimator (DAE) DVE monitoring module (SP3)
- DVE Platform (SP3)
- Nomadic Device Gateway (SP3)
- AIDE prototype vehicle – Fiat demonstrator (SP3)
- AIDE prototype vehicle – Volvo truck demonstrator (SP3)

Logistics

Conference bus transport Hotel 11 – conference area and back

Bus transport is available at no cost between the hotel and the conference area on both days.

Transportation Schedule

Day 1, 15th April.

- From Hotel 11 to Conference area: 08.30
- From Conference area to Hotel 11: 17.30 and 18.15

Day 2, 16th April

- From Hotel 11 to Conference area: 07:45 (mainly for exhibitors) and 08.45

There will be no bus from the conference area back to the hotel on day 2.

Public transportation between Hotel 11 and conference area

There is a public ferry providing transportation between Hotel 11 (ferry stop Eriksberg) and the conference area (ferry stop Lindholmspiren, see map on page 4). If the weather is good you can enjoy a nice walk by foot. Just follow the dockside, approximately 30 mins.

Logistics

Taxi services

- Depending on time available, personnel at the registration/information desk can assist you calling taxi, but otherwise you can yourself order a taxi at one of the following numbers:

"+46 31 650000 (Taxi Göteborg) or +46 31 27 27 27, (Taxi Kurir). Pickup address to give: M1/M2 building at Götaverksgatan 10, Lindholmen.

Since we foresee a need for many taxis at about 16.00 on April 16, taxi companies have been asked to send a large amount of cars to the conference area at this time.

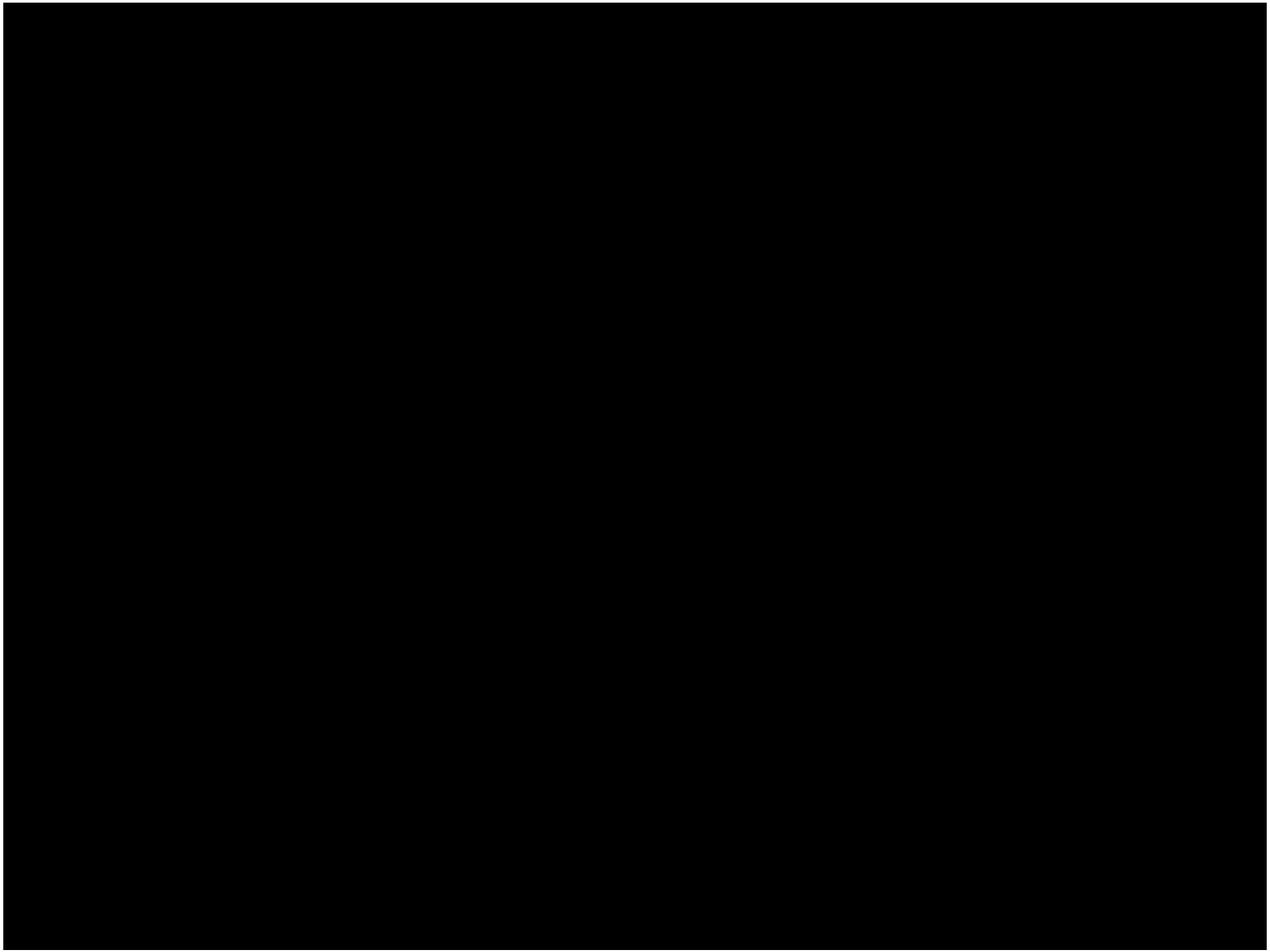
Parking

- For those traveling by cars you can park your car in the garage in the M2 building. Entrance on the East side of the building, see map on page 4. In the mornings, the garage gates will be manned by conference personnel that can let you in. If there is no personnel, go to the registration/information desk to receive your parking ticket.

Social Event

If you have registered for dinner in the registration form you will receive a dinner ticket upon arrival at the registration desk. The ticket shall be handed over at the restaurant.

The conference dinner will be held from 19:30 to 22:30, Tuesday 15/04, at the River Café, Dockpiren Eriksberg, next door to the Hotel 11.

Thank you for your attention

Enjoy the workshop!