

# SBE16

TALLINN & HELSINKI

# CONFERENCE



## BUILD GREEN & RENOVATE DEEP FINAL PROGRAMME

OCTOBER 5–7, 2016  
TALLINN AND HELSINKI  
[WWW.SBE2016.ORG](http://WWW.SBE2016.ORG)



EESTI EHTUSINSENERIDE LIIT



## Conference venue

Tallink Spa & Conference hotel  
Address: Sadama 11a

## Registration desk

Registration desk is located on the second floor in the conference center.

Registration desk is open at the following times:

Wednesday October 5	8.00 - 16.00
Thursday October 6	8.00 - 16.00

## Internet connection

Conference venue has free wifi connection. Please contact the registration desk for information.

## Presentations

Presentations are held in rooms Galaxy 1, Galaxy 2 and Meloodia + Victoria. Rooms are located on the second floor next to the registration desk.

## Lunch and coffee

Lunches and coffees are included in the registration fee. Coffees are served next to the conference rooms. Lunches are served in the restaurant (ground floor).

## Contact

Ville Raasakka  
+358 50 366 8687

## Keynote presentations

### October 5 at 9.30

*Sustainable design for compact city living - an experience from Hong Kong*

Edward NG Yan-yung, Chinese University of Hong Kong

### October 5 at 10.00

*Zero Emission Buildings – From definition to demonstration buildings*

Arild Gustavsen, Norwegian University of Science and Technology - NTNU

### October 6 at 9.30

*How to measure sustainability? The assessment of sustainability in construction and architecture*

Kimmo Lylykangas, Kimmo Lylykangas Architects Ltd

### October 6 at 10.00

*Wellbeing and productivity in sustainable buildings*

Atze Boerstra, BBA Indoor Environmental Consultancy

## Workshops

### Wednesday October 5 at 13.30

Successful Regeneration of Suburbs  
- Resource Efficient Neighbourhood  
Renovation Supporting Social Development

### Wednesday October 5 at 15.30

Design competition for Near-Zero Energy  
Building Renovation-Presentation of  
finalists from 5 countries

### Thursday October 6 at 13.30

Sustainable development of districts

### Thursday October 6 at 15.30

Prefabricated renovation solutions: Modular  
facade elements and systems

## Get together

Get together will be held on October 5 at  
the conference venue at 20.00 - 22.00.  
Get together is free for participants.  
Dress code is business casual.

## Dinner

Dinner will be held on October 6 in the  
House of Blackheads at 19.30  
(address Pikk 26). Dinner is free for  
participants (excluding students and one  
day registrations for October 5).  
Guided walk will be organized from the  
conference venue at 19.00.  
Dress code is business casual.

## Technical excursion to Helsinki

Technical excursion to Helsinki will be  
organized on October 7.

Excursion is included to the full conference  
fee.

Ferry tickets will be given to the participants  
in the afternoon of October 6.

Ferry to Helsinki will depart at 7.30 in the  
morning from Tallinn Harbour D terminal.  
Last entrance to the ferry is at 7.00  
Breakfast will be served in the ferry and  
ferry will reach Helsinki at 9.30.

In Helsinki two excursions will be organized:  
Jätkäsaari and Länsimetro

Ferry will depart back to Tallinn at 13.30.  
Lunch will be served in the ferry and ferry  
will reach Tallinn at 15.30.

Participants will receive more detailed  
programme via email.

## Contact persons

Jätkäsaari:  
Teemu Vehmaskoski +358 352 6878

Länsimetro:  
Ville Raasakka +358 50 366 8687

# WEDNESDAY

---

Wednesday, October 05, 2016

---

---

09:00 - **Opening session Wednesday** Galaxy 1 +  
09:30 Chair: Jarek Kurnitski Galaxy 2

---

09:00 **Opening Of The Conference**

Jarek Kurnitski  
Estonia

09:10 **Greetings From Ministry Of Economic Affairs And Communications**

Ando Leppiman  
Estonia

09:20 **Greetings From Estonian Association Of Civil Engineers (EEL)**

Andres Piirsalu  
Estonia

09:25 **Greetings From Finnish Association Of Civil Engineers RIL**

Teemu Vehmaskoski  
Finland

09:30 **Sustainable Design For Compact City Living - An Experience From Hong Kong**

Edward NG Yan-yung  
Hong Kong

10:00 **Zero Emission Buildings -- From Definition To Demonstration Buildings**

Arild Gustavsen  
Norway

---

10:30 - **Coffee** Lobby  
11:00

---

---

11:00 - **Advanced Technologies for nZEB Session 1**

12:30 Chair: Simo Ilomets

Galaxy 1

---

11:00 **Exploring The CO2-Impact For Building Height; A Study On Technical Building Installations**

Benedicte Kaspersen  
Norway

11:15 **Assessing The Implementation Potential Of PCMs; the Situation For Residential Buildings In The Netherlands**

Entrop Bram  
Netherlands

11:30 **Advanced Technologies For Appropriate Control Of Heat And Light At Windows**

Takashi Inoue  
Japan

# WEDNESDAY

11:45 **Conceptual Development Of A Compact Unglazed Solar Thermal Façade (STF) For Building Integration**

[Xingxing Zhang](#)

China

12:00 **The Early Design Stage Of A Novel Solar Thermal Façade (STF) For Building Integration: Energy Performance Simulation And Socio-economic Analysis**

[Xingxing Zhang](#)

China

12:15 **Impact Of ETICS On Corrosion Propagation Of Concrete Façade**

[Simo Ilomets](#)

Estonia

---

11:00 - **Tools and Standards to Measure Green Session 1**

12:30 Chair: Pekka Huovila

Galaxy 2

---

11:00 **RTS EPD's -- Reliable Source Of Environmental Information Of Building Products In Finland**

[Laura Sariola](#)

Finland

11:15 **Experiences With LCA In The Nordic Building Industry -- Challenges, Needs And Solutions**

[Reidun Schlanbusch](#)

Norway

11:30 **Key Criteria Across Existing Sustainable Building Rating Tools**

[Maija Krizmane](#)

Latvia

11:45 **A New Finnish Green Leadership Tool For Construction Processes**

[Laura Sariola](#)

Finland

12:00 **Integration Of BREEAM In Construction Projects: Utilizing The Last Planner System**

[Marie Elise Aarrestad](#); [Åse Ingrid Nesteby](#)

Norway

12:15 **High-Rise Timber Buildings As A Climate Change Mitigation Measure - A Comparative LCA Of Structural System Alternatives**

[Julie Lyslo Skullestad](#)

Norway

# WEDNESDAY

---

11:00 - **Retrofit Measures and Analyses Session 1** Meloodia +  
12:30 Chair: Martin Thafeldt Victoria

---

11:00 **Assessment Of Retrofit Measures For Industrial Halls: Energy Efficiency And Renovation Budget Estimation**

[Raimo Simson](#)

Estonia

11:15 **Renovation Of Swedish Single-family Houses To Passive House Standard - Analyses Of Energy Savings Potential**

[Tomas Ekström](#)

Sweden

11:30 **Feasibility Studies Of Energy Retrofits -- Case Studies Of Nearly Zero-Energy Building Renovation**

[Riikka Holopainen](#)

Finland

11:45 **Energy Efficient Renovation Of Typical Belgian Houses: Sensitivity Analysis For Thermal Bridges**

[Stijn Van Craenendonck](#)

Belgium

12:00 **Pending For Renovations: Understanding The Conditions Of The Multi-family Housing Stock From Before 1945**

[Liane Thuvander](#)

Sweden

12:15 **Daylight Autonomy As A Driver For Office Building Retrofitting**

[Alberto Raimondi](#)

Italy

---

12:30 - **Lunch** Restaurant  
13:30

---

---

13:30 - **Successful Regeneration of Suburbs - Resource Efficient Neighbourhood Renovation Supporting Social Development** Galaxy 1  
15:00 Moderator: Teemu Vehmaskoski

---

---

13:30 - **Design and Construction Process** Galaxy 2  
15:00 Chair: Virgo Sulakatko

---

13:30 **Efficiency In The Delivery Of Multi-story Timber Buildings**

[Antti Ruuska](#)

Finland

13:45 **Lean Production Of Cost Optimal Wooden NZEB**

[Sakari Pulakka](#)

Finland

# WEDNESDAY

14:00 **Integrated Design In Case Of Digital Fabricated Buildings**

[Matjaz Nekrep Perc](#)

Slovenia

14:15 **Effective Knowledge Transfer In Successful Partnering Projects.**

[Alessia Bellini](#)

Norway

14:30 **Partnering Elements' Importance For Success In The Norwegian Construction Industry**

[Ali Hosseini](#)

Norway

14:45 **Project Partnering In Norwegian Construction Industry**

[Ali Hosseini](#)

Norway

---

13:30 - **Ventilation and Indoor Climate Session 1**

Meloodia +

15:00 Chair: Tadas Prasauskas

Victoria

---

13:30 **Effects Of Energy Retrofits On Indoor Air Quality In Three Northern European Countries**

[Tadas Prasauskas](#)

Lithuania

13:45 **Impact Of Energy Retrofit On Ventilation Rates, CO2-levels And Occupant Satisfaction In Finnish Multi-family Buildings**

[Virpi Leivo](#)

Finland

14:00 **Installing Local Recirculation Air Diffusers During Building Deep Renovation Reduces Energy Consumption Of Ventilation Systems**

[Dmitry Kapko](#)

Russian Federation

14:15 **Indoor Air Quality - A Key Element Of The Energy Performance Of The Buildings**

[Horia Petran](#)

Romania

14:30 **Ventilation System Design In Four European Geo Cluster**

[Anatolijs Borodinecs](#)

Latvia

14:45 **Survey Of Control Characteristics Of Circular Dampers In Variable Air Volume Ventilation Systems**

[Renars Millers](#)

Latvia

---

15:00 -  
15:30 **Coffee**

Lobby

# WEDNESDAY

---

15:30 - 17:30	<b>Design competition for Near-Zero Energy Building Renovation-Presentation of finalists from 5 countries</b> Moderator: Erik Alsema	Galaxy 1
------------------	---	----------

---

15:30 - 17:00	<b>Tools and Standards to Measure Green Session 2</b> Chair: Tarja Häkkinen	Galaxy 2
------------------	--	----------

---

15:30	<b>Design For Change And Circularity - Accommodating Circular Material &amp; Product Flows In Construction</b> <u>Bob Geldermans</u> Netherlands	
15:45	<b>Environmental Footprint Of External Thermal Insulation Composite Systems With Different Insulation Types</b> <u>Tajda Potrc</u> Slovenia	
16:00	<b>LIFE Cycle Habitation - Designing Green Buildings</b> <u>Sören Eikemeier</u> Austria	
16:15	<b>A Rating System For Integrating Building Performance Tools In Developing Countries</b> <u>Silvia Gobbi</u> Italy	
16:30	<b>Log House - A Blue Print For Future Sustainable Buildings?</b> <u>Juha Päätaalo</u> Germany	
16:45	<b>Life Cycle Assessment (LCA) In The Framework Of The Next Generation Estonian Building Standard. Building Certification As A Strategy For Enhancing Sustainability</b> <u>Anni Oviir</u> Germany	

---

15:30 - 17:30	<b>Retrofit Measures and Analyses Session 2</b> Chair: Maija Krizmane	Meloodia + Victoria
------------------	--	------------------------

---

15:30	<b>The Chain Of Effects Of Energy Retrofits' Impacts On Rental Housing's Profitability -- A Contribution To RentalCal</b> <u>Kai Mörmann</u> Germany	
15:45	<b>Refurbishment In Educational Buildings - Methodological Approach For High Performance Integrated School Refurbishment Actions</b> <u>Doris Österreicher</u> Austria	
16:00	<b>Upscaling Large Scale Deep Renovation In The Dutch Residential Sector: A Case Study</b> <u>Johannes A.W.H. van Oorschot</u> Netherlands	

# WEDNESDAY / THURSDAY

16:15 **Enabling The Landscape For Deep Green Renovations**

[Maija Krizmane](#)

Latvia

16:30 **The Development Of Zero-energy Transformation Concepts In The Netherlands. A Comparative Case Study Analysis Of Two Transformation Concepts.**

[Michiel Wolbers](#)

Netherlands

16:45 **Sustainable Planning In Refurbishment Projects - An Early Phase Evaluation**

[Ola Bråten Lund](#)

Norway

17:00 **Sustainable Business Models For Deep Energy Retrofitting Of Buildings: State-of-the-art And Methodological Approach**

[Moschetti Roberta](#)

Norway

17:15 **Methodological Framework To Assess The Significance Of External Thermal Insulation Composite System (ETICS) On-site Activities**

[Virgo Sulakatko](#)

Estonia

---

20:00 -  
22:00 **Get Together**

Lobby

---

Thursday, October 06, 2016

---

09:00 - 10:30 **Opening session Thursday**

Galaxy 1 +  
Galaxy 2

---

09:00 **The SBE Conference Series COP21 The Global Alliance For Building And Construction Survey Of Effective Actions For Mitigating Climate Change**

[Nils Larsson](#)<sup>1</sup>; [Wim Bakens](#)<sup>2</sup>

<sup>1</sup>Canada; <sup>2</sup>Netherlands

09:30 **How To Measure Sustainability? The Assessment Of Sustainability In Construction And Architecture**

[Kimmo Lylykangas](#)

Finland

10:00 **Wellbeing And Productivity In Sustainable Buildings**

[Atze Boerstra](#)

Netherlands

10:30 **WSBE17 Hong Kong**

[Edward NG Yan-yung](#)

Hong Kong

---

10:30 - 11:00 **Coffee**

Lobby

---

---

**11:00 - Advanced Technologies for nZEB Session 2**

Galaxy 1

**12:30** Chair: Raimo Simson

---

**11:00 Simplified Space-Heating Distribution Using Radiators In Super-Insulated Apartment Buildings**Martin Thalfeldt

Estonia

**11:15 The Effect Of Hydronic Balancing On Room Temperature And Heat Pump Efficiency Of A Building With Underfloor Heating**Martin Thalfeldt

Estonia

**11:30 Heat Recovery From Exhaust Air As A Thermal Storage Energy Source For Geothermal Energy Piles**Jevgeni Fadejev

Finland

**11:45 Geothermal Heat Pump Plant Performance In A Nearly Zero-energy Building**Jevgeni Fadejev

Finland

**12:00 Development Of A Spiral-type Heat Exchanger For A Ground-source Heat Pump System**Michiya Suzuki

Japan

**12:15 Cost Analysis Of In-House Heat Substations In Next Generation Heat Networks**Sandra SlihteLatvia

---

**11:00 - Tools and Standards to Measure Green Session 3**

Galaxy 2

**12:15** Chair: Riikka Holopainen

---

**11:00 Sustainability Assessment Of Family Houses**Ludmila Meciarova

Slovakia

**11:15 Integration Of Energy And Material Performance Of Buildings: I=M+E**Erik Alsema

Netherlands

**11:30 Environmental And Financial Life Cycle Assessment Of 'open-renovation-systems': Methodology And Case Study**Lien Wijnants

Belgium

**11:45 RenoseeC: Renovating With A Social, Ecological And Economic Benefit Through A Collective Approach**Eva Heuts

Belgium

**12:00 FLEX 4.0; A Practical Instrument To Assess The Adaptive Capacity Of Buildings\***Rob Geraedts

Netherlands

# THURSDAY

---

11:00 - **Ventilation and Indoor Climate Session 2**

12:15 Chair: Allan Hani

Meloodia +

Victoria

---

11:00 **Relationships Between Building Characteristics And Airtightness Of Dutch Dwellings**

[Bram Entrop](#)

Netherlands

11:15 **Integrated Design Of Museum's Indoor Climate In Medieval Episcopal Castle Of Haapsalu**

[Tark Teet](#)

Estonia

11:30 **Evaluation Of The Thermal Environment For Condensation And Mold Problem Diagnosis Around Built-in Furniture In Korean Apartment Buildings During Summer And Winter**

[HyunHwa Lee](#)

Korea, Republic of

11:45 **An Analytical Approach To The Ventilation Effectiveness Of Mediterranean Buildings. Case Study: Existing Residential Building, Portugal**

[Atefeh Salehi](#)

Portugal

12:00 **Investigation Of Particulate Matters Of The University Classroom In Slovakia**

[Ludmila Meciarova](#)

Slovakia

---

12:30 - **Lunch**  
13:30

Restaurant

---

13:30 - **Sustainable Development of Districts**

15:00 Moderator: Jyri Nieminen

Galaxy 1

---

---

13:30 - Policy and Regulation

15:00 Chair: Kalle Kuusk

Galaxy 2

---

13:30 **Estonian Grant Scheme For Renovating Apartment Buildings**

[Kalle Kuusk](#)

Estonia

13:45 **Promoting And Building Nearly Zero And Plus-energy Buildings - The FutureBuilt Programme**

[Ulla Hahn](#)

Norway

14:00 **A Systematic Approach To Sustainable Urban Densification Using Prefabricated Timber-based Attic Extension Modules**

[Stefan Jaksch](#)

Austria

14:15 **Role Of Municipal Steering In Sustainable Building And Refurbishment**

[Tarja Hakkinen](#)

Finland

14:30 **The Adaptability For Longer Life Housing In Japan**

[Kazunobu Minami](#)

Japan

14:45 **Primary Energy Factors For Different District Heating Networks: An Estonian Example**

[Eduard Latõsov](#)

Estonia

---

13:30 - Advanced Technologies for nZEB Session 3

14:45 Chair: Teet Tark

Meloodia +  
Victoria

---

13:30 **Hygrothermal Performance Of Highly Insulated Timber-frame External Wall**

[Peep Pihelo](#)

Estonia

13:45 **Analysis Of Building Energy Savings Potential For Metal Curtain Wall Building By Reducing Thermal Bridges At Joints Between Metal Panels**

[Jung-Min Oh](#)

Korea, Republic of

14:00 **Green Rooftop Systems: A South African Perspective**

[Rolien Labuschagne](#)

South Africa

14:15 **Performance Of Constructions With Clay Plaster And Timber At Elevated Temperatures**

[Alar Just](#)

Estonia

14:30 **Behaviour Of Wooden Based Insulations At High Temperatures**

[Mattia Tiso](#)

Estonia

# THURSDAY

---

15:00 - Coffee Lobby  
15:30

---

---

15:30 - Prefabricated renovation solutions: Modular facade elements and systems Galaxy 1  
17:30 Moderator: Peter Op 't Veld

---

15:30 **New Developments In Prefabricated Innovative, Multifunctional Building Envelope Elements And Installation Platforms For NZE Modular Retrofitting**

Peter Op 't Veld  
Netherlands

15:45 **NORFAC - A Nordic Modularized Façade System For Sustainable Renovations\***

Pär Svensson  
Sweden

16:00 **Concept Development And Technology Choices For The MORE-CONNECT Pilot Energy Renovation Of Three Apartment Blocks In Denmark.**

Ove Christen Mørck  
Denmark

16:15 **Influence Of Moisture Dry-out On Hygrothermal Performance Of Prefabricated Modular Renovation Elements**

Peep Pihelo  
Estonia

16:30 **Prefabricated Wood Elements For Sustainable Renovation Of Residential Buildings Facade**

Karin Sandberg  
Sweden

16:45 **Energy Savings For A Wood Based Modular Pre-fabricated Façade Refurbishment System Compared To Other Measures**

Svein Ruud  
Sweden

17:00 **Fast And Simple -- Cost Efficient Façade Refurbishment**

Anders Bysted  
Sweden

17:15 **Prefabricated Timber Façade For The Energy Refurbishment Of The Italian Building Stock: The Ri.Fa.Re. Project**

Giada Malacame  
Italy

---

**15:30 - Land Use Planning and Infrastructure**  
**17:00** Chair: Teemu Vehmaskoski

Galaxy 2

- 
- 15:30 **Impact Of Urban Density And Building Height On Energy Use In Cities**  
[Eirik Resch](#)  
Norway
- 15:45 **Development For Urban Underground Space In Helsinki**  
[Ilkka Vähäaho](#)  
Finland
- 16:00 **Characteristics Of Australian Infrastructure Alliance Projects**  
[Brendan Young](#)  
Norway
- 16:15 **Success Factors For Early Contractor Involvement (ECI) In Public Infrastructure Projects**  
[Paulos Abebe Wondimu](#)  
Norway
- 16:30 **International Competition On The Norwegian Infrastructure Market.**  
[Knut Arne Follinglo](#); [Ola Lædre](#)  
Norway
- 16:45 **Et(h)nic Architecture In Mediterranean Area**  
[Fabio G.S. Giucastro](#)  
Italy

---

**15:30 - Energy Use and Occupant Behaviour**  
**17:15** Chair: Anatolijs Borodinecs

Meloodia +  
Victoria

- 
- 15:30 **Measurement And Normalization Methods To Provide Detailed Information On Energy Consumption By Usage In Apartment Buildings**  
[Hye-Sun Jin](#)  
Korea, Republic of
- 15:45 **Monitoring Of CasaNova Low Energy District: Results And Discussion**  
[Marco Castagna](#)  
Italy
- 16:00 **Protocol For The Energy Behaviour Assessment Of Social Housing Stock: The Case Of Southern Europe.**  
[Rocío Escandón](#)  
Spain
- 16:15 **The Challenges Of Monitoring Energy Consumption To Assess Behavioural Changes In Occupants During Renovation Projects From A Low Budget Point Of View**  
[Carlos Jimenez-Bescos](#)  
United Kingdom

# THURSDAY / FRIDAY

- 16:30 **Multi-criteria Decision-making For Sustainable Wall Paints And Coatings Using Analytic Hierarchy Process**  
[Mariia Rochikashvili](#)  
Germany
- 16:45 **The Traditional House With Horizontal Opening: Towards Zero-energy House In The Hot, Dry Climates**  
[Naima Fezzioui](#)  
Algeria
- 17:00 **The Extensive Analysis Of Circumstances Between Heat Consumption Of Multi-apartment Buildings And Information Campaigns**  
[Karina Tumanova](#)  
Latvia
- 

19:30 - Dinner  
23:00

House of the  
Blackheads

---

Friday, October 07, 2016

---

06:45 - Helsinki Excursion  
15:30

---

## Organizers



EESTI EHITUSINSENERIDE LIIT 

## Co-Operating Partners



SBE16 TALLINN & HELSINKI CONFERENCE							
WEDNESDAY OCTOBER 5			THURSDAY OCTOBER 6			FRIDAY OCTOBER 7	
Galaxy 1	Galaxy 2	Meloodia + Victoria	Galaxy 1	Galaxy 2	Meloodia + Victoria		
6.45							Helsinki Excursion
8.00	Registration			Registration			
9.00-9.30	Opening session Chair: Jarek Kurnitski		Plenary session Chair: Wim Bakens				
9.30-10.00							
10.00-10.30							
10.30 - 10.45	Coffee			Coffee			
10.45 - 11.00							
11.00 - 11.15							
11.15 - 11.30	Advanced Technologies for nZEB Session 1 Chair: Simo Ilomets	Tools and Standards to Measure Green Session 1 Chair: Pekka Huovila	Retrofit Measures and Analyses Session 1 Chair: Martin Thafeldt	Advanced Technologies for nZEB Session 2 Chair: Raimo Simson	Tools and Standards to Measure Green Session 3 Chair: Riikka Holopainen	Ventilation and Indoor Climate Session 2 Chair: Allan Hani	
11.30 - 11.45							
11.45 - 12.00							
12.00 - 12.15							
12.15 - 12.30							
12.30 - 12.45	Lunch			Lunch			
12.45 - 13.00							
13.00 - 13.15							
13.15 - 13.30							
13.30 - 13.45	Successful Regeneration of Suburbs - Resource Efficient Neighbourhood Renovation Supporting Social Development Moderator: Teemu Vehmaskoski	Design and Construction Process Chair: Virgo Sulakatko	Ventilation and Indoor Climate Session 1 Chair: Tadas Prasauskas	Sustainable Development of Districts Moderator: Jyri Nieminen	Policy and Regulation Chair: Kalle Kuusk	Advanced Technologies for nZEB Session 3 Chair: Teet Tark	
13.45 - 14.00							
14.00 - 14.15							
14.15 - 14.30							
14.30 - 14.45							
14.45 - 15.00	Coffee			Coffee			
15.00 - 15.15							
15.15 - 15.30							
15.30 - 15.45	Design competition for Near-Zero Energy Building Renovation- Presentation of finalists from 5 countries Moderator: Erik Alsema	Tools and Standards to Measure Green Session 2 Chair: Tarja Häkkinen	Retrofit Measures and Analyses Session 2 Chair: Maija Krizmane	Prefabricated renovation solutions: Modular facade elements and systems Moderator: Peter Op 't Veld	Land Use Planning and Infrastructure Chair: Teemu Vehmaskoski	Energy Use and Occupant Behaviour Chair: Anatolijs Borodinecs	
15.45 - 16.00							
16.00 - 16.15							
16.15 - 16.30							
16.30 - 16.45							
16.45 - 17.00							
17.00 - 17.15							
17.15 - 17.30							
18.00 - 19.00							
19.30 - 20.00							
20.00 - 21.00	Get Together			Dinner			
21.00 - 22.00							
22.00 - 23.00							