CITY UNDER MICROSCOPE
MARSEILLE (France)

September 18th to 21st 2013
Programme
Marseille, the European Capital of Culture, more visible than ever in the world, will unveil all of its artistic, economic and touristic assets in the year 2013.

With 2600 years of history, Marseille, city of exchanges, meeting point between Europe and the Mediterranean, brings to life in multiple ways its unique history and heritage.

Enriched by its past, it launches itself into the future thanks to its capacity to innovate, research, develop and renovate.

The City of Marseille has engaged in a sustainable development policy where energy and environmental performance are at the heart of urban development, especially concerning public lighting. Marseille, which is so attractive in the generous natural light of the day, knows how to be so through its nocturnal illuminations as well.

I am pleased to welcome you on the occasion of this City under Microscope.

I warmly invite you to share our rich cultural life and discover the lights of Provence.

Welcome to Marseille!

The Mayor of Marseille
Senator of Bouches-du-Rhône

It is with great pleasure that the LUCI network gathers in Marseille, the European Capital of Culture 2013, for LUCI’s second City under Microscope of the year.

We are looking forward to discovering a city that has undergone some major changes in recent years with a sustainable development policy and large scale urban renewal projects which have given it a new dynamic.

With lighting designers and experts from all over France, we will see how these changes have been supported by a lighting strategy that not only focuses on enhancing heritage sites and putting forward the city’s nightscape, but also takes into account environmental specificities, notably climatic conditions and the city’s proximity to the sea and natural areas.

I would like to warmly thank the City of Marseille for hosting this event which once again offers the LUCI network spaces of debate and discussion on themes which are at the heart of cities’ lighting strategies.

I wish an excellent City under Microscope to all!

Martine De Regge
President of LUCI
Deputy Mayor of Ghent
CITY UNDER MICROSCOPE
MARSEILLE (France)

Wednesday September 18
19:30 Welcome cocktail
21:00 Night walk around the Old Port area

Thursday September 19
9:00 Opening of the City under Microscope
9:20 – 11:20 2600 years of history looking towards the future
11:50 Panoramic view of Marseille and its urban development (site visit)
13:00 Lunch
14:40 – 17:10 Light – a tool for urban renewal
19:00 Marseille from the sea – its bay and ports (boat tour)
20:30 Dinner
22:30 Night walk to the Saint Ferréol Church and the Sadi-Carnot Square

Friday September 20
9:00 – 10:00 The lighting strategy of Marseille
10:30 – 11:30 Marseille-Provence 2013, European Capital of Culture
11:30 Signature of the LUCI Charter on Urban Lighting
13:00 Lunch
15:00 – 16:00 Lighting in the era of the photon
16:20 LUCI announcements and future events
17:30 Exhibitions on light (museum visits)
20:15 Euroméditerranée waterfront zone and the MuCEM (bus tour)
21:15 Dinner

Saturday September 21 (optional programme)
10:00 Visit of the Vélodrome Stadium
11:00 Visit of the Cité Radieuse by Le Corbusier
13:00 Lunch and excursion to the Calanque de Sormiou
17:00 Guided visit of the MuCEM
Wednesday September 18

9:00 Light and Art Commission meeting *(for Commission members only)*

17:30 LUCI Executive Committee meeting *(for EC members only)*

19:30 Welcome cocktail / Marseille City Hall, room “Bailli de Suffren”
*Municipal Councillor of Marseille in charge of renewable energies, public lighting and illuminations*  
*Martine De Regge, President of LUCI and Deputy Mayor of Ghent*

21:00 Night walk around the Old Port area

---

Thursday September 19

8:10 Departure from the hotel

8:30 Registration and coffee / The Palais du Pharo, room “La Major”

9:00 Opening of the City under Microscope
*Municipal Councillor of Marseille in charge of renewable energies, public lighting and illuminations*  
*Martine De Regge, President of LUCI and Deputy Mayor of Ghent*

9:20 – 11:20 2600 years of history looking towards the future
*Moderator: Bruno Foucras, Head of the Public Lighting and Illuminations Department, City of Marseille*

9:20 From the lantern to the street lamp: a century of urban lighting in Marseille
*Pierre Echinard, Historian and Director of the Marseille Review*

City of light! Marseille fits this description perfectly. Over the sea and hills, the “Sun King”, architect of shadow and light, is one of the city’s most beautiful attractions. But what about at night? Here, as elsewhere, light is required to move around safely and ensure security. In addition to this, it is also necessary to support the longstanding tradition of Mediterranean nightlife.

After several decades of hesitation, public lighting using oil lamps was installed in 1785. This was replaced by gas lamps which unwisely monopolised the scene and delayed the spread of electricity which finally triumphed with the Great Exhibition of 1908. A presentation taking us through the history of urban lighting in Marseille – from the past to the present.

*Pierre Echinard is a member of the Academy of Sciences, Letters and Arts of Marseille and the Director of the Marseille Review, the municipal cultural magazine. His work is mainly based on the history of Marseille in the 19th and 20th centuries, and all its many aspects: immigration, commerce, sports, as well as intellectual, artistic and daily life.*
9:45 The first lighting plan of Marseille

Alain Guilhot, Lighting Designer, alain guilhot lumière

The illumination of the Notre-Dame de la Garde Basilica, the "Good Mother" of the people of Marseille, in 1997, led the way for many other lighting projects in Marseille in the years that followed: the City Hall, the Old Port and the Palais du Pharo in particular, the illumination of which helped to reinforce the identity of the city and enhance its assets and beauty. Above all, these projects were a starting point for a broader reflection in Marseille on light as a tool for the enhancement and beautification of the city.

Alain Guilhot spent 33 years at the service of light within the agency Architecture Lumière, of which he was the founding President in 1976. He continues his engagement with the same passion and enthusiasm through alain guilhot lumière. Having implemented over 3000 lighting projects, Alain Guilhot works on permanent and event lighting installations worldwide.

10:00 Coffee break

10:30 The development policy of Marseille through an urban project

Laurence Deschamps, Deputy Director and Agnès Ankri, Project Manager, Urban Development Department, City of Marseille

Marseille's vast territory has developed with the economic and social vicissitudes of Mediterranean Europe. Now, at the start of the 21st century, it presents an entirely new face to the world, one that responds particularly to its role as a Mediterranean metropolis. This is the result of constant work aiming to improve the lives of its inhabitants, provide new economic and residential opportunities, renew public spaces, enhance its rich urban heritage, and preserve the original identity of city neighbourhoods.

The renovation of the renowned Vélodrome Stadium illustrates this policy as it includes the revitalisation of the entire surrounding neighbourhoods. Here, as elsewhere in the city, it involves optimising the existing structures to ensure a sustainable future.

Laurence Deschamps, a lawyer by training, has worked in various departments in the City of Marseille. She was the Head of the Department in charge of real estate policy from 2010 to 2012, after which she was appointed as the Deputy Director of the Urban Development Department responsible for all issues linked to municipal properties.
Agnès Ankri is an architect by training. After a few years as prime contractor for public buildings, she joined the public sector as a project manager for the City of Marseille. Successively responsible for architectural projects, parking and urban mobility, as well as urban development projects, she became in charge of the public-private partnership contract for the renovation project of the Vélodrome Stadium and its surrounding area in May 2009.

10:50 Euroméditerranée: the lighting master plan
Franck Geiling, Director of Architecture, Town Planning and Sustainable Development, EPA Euroméditerranée
The objective was to create an attractive and balanced nightscape that would enhance the area’s heritage sites as well as its new buildings, and would be in coherence with the large-scale development of the coast. In order to do so, Euroméditerranée, which has led the development of this lighting plan, enlisted the services of lighting designer Hervé Audibert. In collaboration with the City of Marseille, their main purpose was to reveal the assets of the site, while taking into account budget, energy and lighting levels as well as technical and regulatory constraints.

Franck Geiling holds degrees from the National School of Architecture (ENSA) of Marseille and the University of Aix-Marseille, and has previously worked as an architecture and town planning consultant in the Bouches-du-Rhône area.
He then joined the Euroméditerranée Urban Development Public Establishment (EPA), where he has been in charge of the Department of Architecture, Town Planning and Sustainable Development as well as the EcoCité strategy, for the past four years.

11:20 Departure for site visit

11:50 Panoramic view of Marseille and its urban development from the Notre-Dame de la Garde Basilica

13:00 Lunch / The Fort Ganteaume restaurant

14:40 – 17:10 Light – a tool for urban renewal
Moderator: Frédéric Couton, Project Manager, Enhancement of Community Facilities General Delegation, City of Marseille

14:40 The geo-poetic of the nocturnal landscape: the Old Port and the MuCEM
Yann Kersalé, Light Artist, AIK Studios
The Old Port of Marseille and the Museum of European and Mediterranean Civilisations (MuCEM) are both major urban renovation projects inaugurated on the occasion of Marseille-Provence 2013. The iconic Old Port is the symbol that associates the Mediterranean Sea with the city. Yann Kersalé’s vision for the Old Port was to work with extreme minimalism, and ensure an uncluttered urban landscape and visual comfort using specially designed masts and the latest technologies.
A cultural edifice that resonates the Mediterranean, the MuCEM at night becomes a symbol of its many blue shades. Its lighting scheme symbolises the continuous transaction between all the cultures exposed at its heart and this mythical sea of such strong character – a perpetual pulse of light thrills its lace-like facades.
Yann Kersalé, who has a degree from the Ecole Nationale des Beaux-Arts of Quimper, uses light as others would use clay or paint. He has chosen the night, the prime domain of sensitivity, as his area of experimentation, aiming to create new stories for the modern city through the use of volumes and forms. He created AIK Studios in 1983 and has realised major projects in cities like Paris, Barcelona, Lyon, Berlin, Bangkok and Abu Dhabi.

15:00 The Hôtel-Dieu: scenography of a historical building renovated into a five star hotel

Patrice Eschassériaux, Manager and Aurélien de Fursac, Project Manager, Côté Lumière

Within the framework of the transformation of this historical building, flagship of the city’s architectural heritage, into a five star hotel, the design concept focused on a lighting scenography where every user becomes an actor, and each actor becomes a member of the audience. The objective is to enable the people of Marseille to re-appropriate the nocturnal appearance of this site. Light links the inside to the outside and enhances volumes, spaces and perspectives. This dramatic design concept is complemented by functional lighting based on the needs of the building.

Patrice Eschassériaux has been driven by limitless enthusiasm for light since 1967. His training and wide variety of experience has enabled him to use lighting in all its splendour. He is an electrician, lighting engineer, photographic director, lighting designer, trainer and conference speaker. Through the course of his career, he has created lighting stage sets and developed urban spaces around the world.

Aurélien de Fursac is a visual artist, lighting engineer and designer with a degree in theatre science and technology. Following a period creating theatre sets and experience working with various lighting designers, he now handles light waves scientifically and philosophically, with taste but also with rigour.
15:20 The lighting of the Palais du Pharo

Gilles Genetelli, Manager, ELAEIS

The Palais du Pharo, a gift from Napoleon III to the Empress Eugénie, is designed in the form of a "U" with facades to the West, North and East (facing the Marseille coastline). The lighting concept for the building comprises a static arrangement for the facades visible from the city, and a dynamic one for the facade facing the esplanade.

Gilles Genetelli, automation engineer by training and one of the first members of the French Association of Lighting Designers and Engineers (ACE), concentrates on implementing projects that enhance public spaces. His method of working, mainly focused on the buildings themselves and incorporating customised light fixtures, has earned him numerous distinctions including the 3rd prize of the Philips/LUCI city.people.light award in 2005 for the lighting plan of Cannes (France).

15:40 Coffee break

16:10 The illumination of the Saint Victor Abbey

Jean-Luc Hervé, Founder and Manager, Les Orpailleurs de Lumière

When the bells of the Saint Victor Abbey start to ring, a light choreography begins, with the abbey gradually lighting up until it reaches a slightly blue tinge, equal to the colour of 6000° Kelvin in daylight. The light varies slowly going through several subtle shades evoking the cycle of a day. Thus each half-hour, triggered by the sound of the bells, this choreography of light goes from gold to silver.

Les Orpailleurs de Lumière have participated in major lighting events, notably, the "Trophée des Lumières" of Marseille, the "Fête des Lumières" in Lyon, the International Forum of Water in Marseille, the GLOW festival in Eindhoven, the Carnival of Rome and the Biarritz light festival.

16:30 Phare n°1 – poetic landscape art in the harbour of Marseille

Stéphane Raguenet & Catherine Rouan, Agence Architecture Raguenet Rouan (AARR)

The flashing lights of the “Phare Bleu n°1” lighthouse on Marseille's coastline address the city as well as the entire harbour area. Using the uniformly varied rhythm of Morse code, it projects words and poems into the night sky. The Phare Bleu echoes the various landscapes around the harbour: in the shadow, the natural and barren areas of the Côte Bleue; spattered with light, the city and port of Marseille never sleeping; black and sparkling with reflections, the eternal sea inviting you to travel.

AARR is a creative architectural duo. Catherine Rouan and Stéphane Raguenet bring a sharp eye to the world, putting different objects in relation to one another: different states and materials, objects and people, ideas and their constraints. Sustainable development is always taken into account in their creations.
16:50 Chromolithe lighting projects in Marseille

Patrice Warrener, Architectural Lighting Designer

The "Chromolithe" process, a polychromatic and architectural illumination system used to create light shows, has been applied on various sites in Marseille among which the prefecture building and the Saint Ferréol Church. This lighting technique based essentially on meticulous graphic research, can also be displayed in different formats and combined with other techniques such as video and laser projections – and results in spectacular lighting events.

Patrice Warrener is a light artist, mostly known for his Chromolithe Polychromatic Illumination System. Trained as a printer, Patrice made his mark in the world of light shows: first with the French co-operative Open Light, and then with his collaboration with the electronic music pioneer, Tim Blake, with whom he introduced laser lighting effects in the 1970s. Warrener has created over 60 chromolithe installations over the last 15 years, lighting up buildings in several nations.

17:10 Return to the hotel and free time

18:45 Meeting at the Quai de la Fraternité

19:00 Marseille from the sea – its bay and ports (boat tour)

20:30 Dinner / Les Arcenaulx restaurant

22:30 Night walk to the Saint Ferréol Church and the Sadi-Carnot Square

23:30 Return to the hotel
8:10 Departure from the hotel

8:30 Registration and coffee / The Palais du Pharo, room "La Major"

9:00 – 10:00 | The lighting strategy of Marseille |
Moderator: Gilles Galice, Director of Environment and Urban Space, City of Marseille

9:00 Marseille, a city of contrasts: an ambitious lighting policy for the second main city of France
Municipal Councillor of Marseille in charge of renewable energies, public lighting and illuminations

The Municipal Councillor will present the lighting strategy of Marseille with regards to its strengths and its limitations. Taking into account issues related to security, energy efficiency and the quality of lighting equipment, the lighting strategy of Marseille aims to contribute to improving the well-being of its citizens and promoting the image of the city as well as its economic development. It also aims to ensure coherence of initiatives within the framework of a lighting master plan built around a few major projects such as the Old Port and the new urban hub Euroméditerranée, as well as specific approaches focusing on village-like nodes in the city.

9:20 Lighting a city with exceptional geographical and climatic conditions
Bruno Foucras, Head of the Public Lighting and Illuminations Department, City of Marseille

The City of Marseille has 70 000 lighting points, making it the second largest street lighting network in France. The reflection on energy saving therefore needs to be adapted to a very large scale. Due to the city’s special geographical situation, other parameters must also be included, such as the problems of corrosion or light pollution in sensitive and protected natural spaces. This session will present the public lighting department of Marseille and its organisation, the maintenance and management of the lighting network as well as the city’s energy efficiency policy.

Bruno Foucras graduated from the Ecole Normale Supérieure (ENS) in Cachan (France). He taught for 10 years at the Technological University Institute for Heat and Energy (IUT), first at Rouen, and then at Grenoble. A building and industry energy engineer, he specialises in indoor lighting energy performance.

9:45 The monument lighting policy of Marseille – focus on the Opera
Christian Point, Head of the Procurement, Studies and Illuminations Division, City of Marseille

On the occasion of the renovation of the facade of the Opera, the Public Lighting and Illuminations Department implemented a new dynamic and colorful lighting scheme aiming at enhancing the building’s facade architecture. It also reinforces the artistic vocation of the Opera by enabling variations in the lighting ambiance based on the different cultural events of the season. Thus, the lighting scheme has two facets: architectural and scenic. Furthermore, this new look, which uses LED technology, will save nearly 30% in energy consumption.

Christian Point joined the lighting department of the City of Marseille in 1986, where he was responsible for public works in the southern sector of the city. He became responsible for studies and procurement in 1999. In January 2012, he was appointed the Head of the Procurement, Studies and Illuminations Division in the Public Lighting and Illuminations Department.

10:00 Coffee Break
10:30 – 11:30 | Marseille-Provence 2013, European Capital of Culture

Moderator: Gilles Galice, Director of Environment and Urban Space, City of Marseille

10:30 The metamorphosis of cultural heritage

Philippe Giard, General Delegate, Enhancement of Community Facilities, in charge of construction, architecture, sports and water sports, City of Marseille

The City of Marseille has been implementing a major historical and cultural heritage renovation programme in preparation for 2013, Marseille-Provence’s year as the European Capital of Culture. Buildings have undergone real change aimed at fundamentally transforming the oldest city in France into one of the major Mediterranean metropolises of the 21st century.

Philippe Giard is a buildings and public works engineer with a degree from the School of Public Works (ESTP) in Paris. Since 1982, he has been a Project Manager, Head, and General Director of Technical Services, and finally General Delegate, at the City of Marseille. Through the course of his career he has overseen numerous construction and renovation operations on public buildings and infrastructures.

10:45 The cultural rebirth of an industrial site in the Marseille harbour area: the Silo d’Arenc

Frédéric Couton, Project Manager, Enhancement of Community Facilities General Delegation, City of Marseille

Following the evolution of the economic balance of the Mediterranean and the decrease in port activity, the grain silo in the Joliette district seemed doomed to disappear. The official recognition of this structure as a 20th century industrial heritage site allowed the City of Marseille to not only preserve this particular building, but also to instigate its rebirth by giving its exceptional space a unique cultural function. This project will be unveiled on the occasion of Marseille-Provence 2013, as part of the transformation of the City of Marseille.

Frédéric Couton is a municipal engineer, certified architect and urban planner. He has worked for the City of Marseille for 15 years, and has participated in numerous projects in both public and private sectors in the fields of architecture and urban planning.

11:00 Marseille-Provence 2013: a European Capital of Culture combining urban transformation and events

Jean-François Chougnet, General Director, Marseille-Provence 2013 Association

The European Capital of Culture was the occasion to build upon the image of a territory that extends from Marseille to Arles, comprising nearly 100 towns including Aix-en-Provence, Salon, Istres, Aubagne, etc. Urban re-appropriation through the use of light was particularly visible in Marseille with the renovation
of the new waterfront area in 2013. Its presence is also felt in the numerous events programmed throughout 2013, such as the opening ceremony of Marseille 2013 in January as well as a series of light shows.

Jean François Chougnet is a historian, graduate of Sciences Po Paris and the National School of Administration (ENA). He has been the General Director of Marseille-Provence 2013 since 2011. He was previously the Director of the Berardo Museum at Lisbon from 2007 to 2011, and the Director of the La Villette Park and Expo Centre between 2001 and 2006. He was also in charge of organising events for the year of Brazil in France in 2005.

11:30 Signature of the LUCI Charter on Urban Lighting
The LUCI Charter will be signed by the Mayor of Marseille and Senator of Bouches-du-Rhône. This will be followed by a cocktail.

12:30 Departure by bus
13:00 Lunch / Sport Beach restaurant

15:00 – 16:00 | Lighting in the era of the photon |
Moderator: Bruno Foucras, Head of the Public Lighting and Illuminations Department, City of Marseille

15:00 Three challenges for Marseille in the field of innovative lighting
William Sanial, President, AFE Provence-Alpes-Côte d'Azur
In the lighting industry, the search for solutions for a balanced urban lighting environment as well as the enhancement of heritage that takes into account eco-responsibility, both face three principal challenges: environmental constraints, ensuring quality and mastering technologies.

William Sanial is a researcher-engineer in applied lighting engineering and "photology", who has been collaborating with Prof. Jacques Bauer of the Chromatic Interdisciplinary Research Institute (IRCI) for over 15 years. He is the author of two books, "Treatise on Light" and "The Sources of Light".

15:20 Local industrial and academic photonic potential and its contribution to innovative projects in Marseille
Katia Mirochnitchenko, General Director, OPTITEC competitive cluster
The OPTITEC competitive cluster, representing 120 photonics companies in the south-east, exhibits the skills of industrial companies and research centres in the domain of innovative lighting technologies. These innovations will be used to overcome the various challenges confronted by the City of Marseille linked to LED and smart lighting development (remote control management, power variations, triggering, security and vandalism, etc.).

Katia Mirochnitchenko has a PhD in Economics from the University of Aix-Marseille. She was responsible for the study on professional training at the Provence-Alpes-Côte d'Azur Regional Council. She worked at Méditerranée Technologies, an organisation promoting innovations in SMEs in the region. She was also the Network Coordinator for the POPsud competitive cluster. In 2008, she took over as Director of the OPTITEC cluster with the aim of developing a project and growth dynamic within the optics-photonics industry.
Saturday September 21 (optional programme)

9:30 Departure from the hotel
10:00 Visit of the Vélodrome Stadium
11:00 Visit of the Cité Radieuse by Le Corbusier and the Marseille Modulor Art Center
12:30 Bus to the Calanque de Sormiou

Friday September 20

15:40 Innovative lighting technology – OLED and Lifi
David Gaborit, member of the OPTITEC competitive cluster

Today lighting technology has led to brand new innovations that are revolutionising our conception and design of light in everyday life. On one hand, OLED light sources are becoming the next step for the new generation of lighting with new design capabilities, and on the other hand, light sources are becoming a potential node in communication networks, creating a brand new function for lighting, and drastically changing the way we design and conceive urban spaces.

David Gaborit is an engineer who graduated from the engineering school ESEO in Angers (France) in 1992. He was a software architect in the Columbian police control centre in Bogota. He then became the principal architect for the BMW navigation system. He is now the R&D Deputy Director in an OLED company.

16:00 Coffee Break
16:20 LUCI announcements and future events
Alexandre Colombani, General Manager, LUCI

17:00 Departure by bus
17:30 Exhibitions on light as an artistic and scientific object
- “Grand Atelier du Midi”: light and colours of the South in modern painting, from Van Gogh to Bonnard
- “Lumières”: inspiration, mystery and science
19:10 Return to the hotel and free time
20:15 Bus tour to the Euroméditerranée waterfront zone and the MuCEM (departure from the hotel)
21:15 Dinner / The Palais du Pharo, room "Eugénie"
Accommodation
1. Mercure Hotel - Vieux Port
   1 rue neuve Saint-Martin
2. Mercure Hotel - Prado [Sat]
   11 avenue de Mazargues

Welcome cocktail [Wed]
Hôtel de Ville (City Hall), room "Bailly de Suffren"
Place Villeneuve de Bargemon

Conference Venue [Thu | Fri] and dinner [Fri]
Palais du Pharo, room "La Major"
58 boulevard Charles Livon

Lunch [Thu]
The Fort Ganteaume restaurant
2 boulevard Charles Livon

Dinner [Thu]
Les Arcenaux restaurant
25 cours Estiennes d’Orves

Lunch [Fri]
Sport Beach restaurant
Escale Borely - 138, avenue Pierre Mendès France

Optional programme [Sat]

8. Vélodrome Stadium
   3 Boulevard Michelet

9. Cité Radieuse
   280 Boulevard Michelet
   Le Château restaurant
   Route du Feu de la Calanque de Sormiou

10. MuCEM
    Museum of European and Mediterranean Civilisations
    1 esplanade du J4
LUCI (Lighting Urban Community International) is an international network of cities on urban lighting bringing together over 60 municipalities across the world. It creates spaces for exchange of knowledge and good practices, and helps cities develop an appropriate and sustainable use of urban lighting.

Organised twice a year, the LUCI City under Microscope events enable participants to discover the lighting strategy of a member city over a two day period.

A chance to see a city in its best light!

More information and registrations on the LUCI website: www.luciassociation.org

- Free participation for LUCI members
- 300 euros for non-LUCI members
  (accommodation not included)