

Produced by Baia Mare Municipal Theatre



# the yellow submarine

in the fractal  
world



*a show by*  
**Radu Dinulescu**  
*and*  
**Armand**  
**Richelet - Kleinberg**

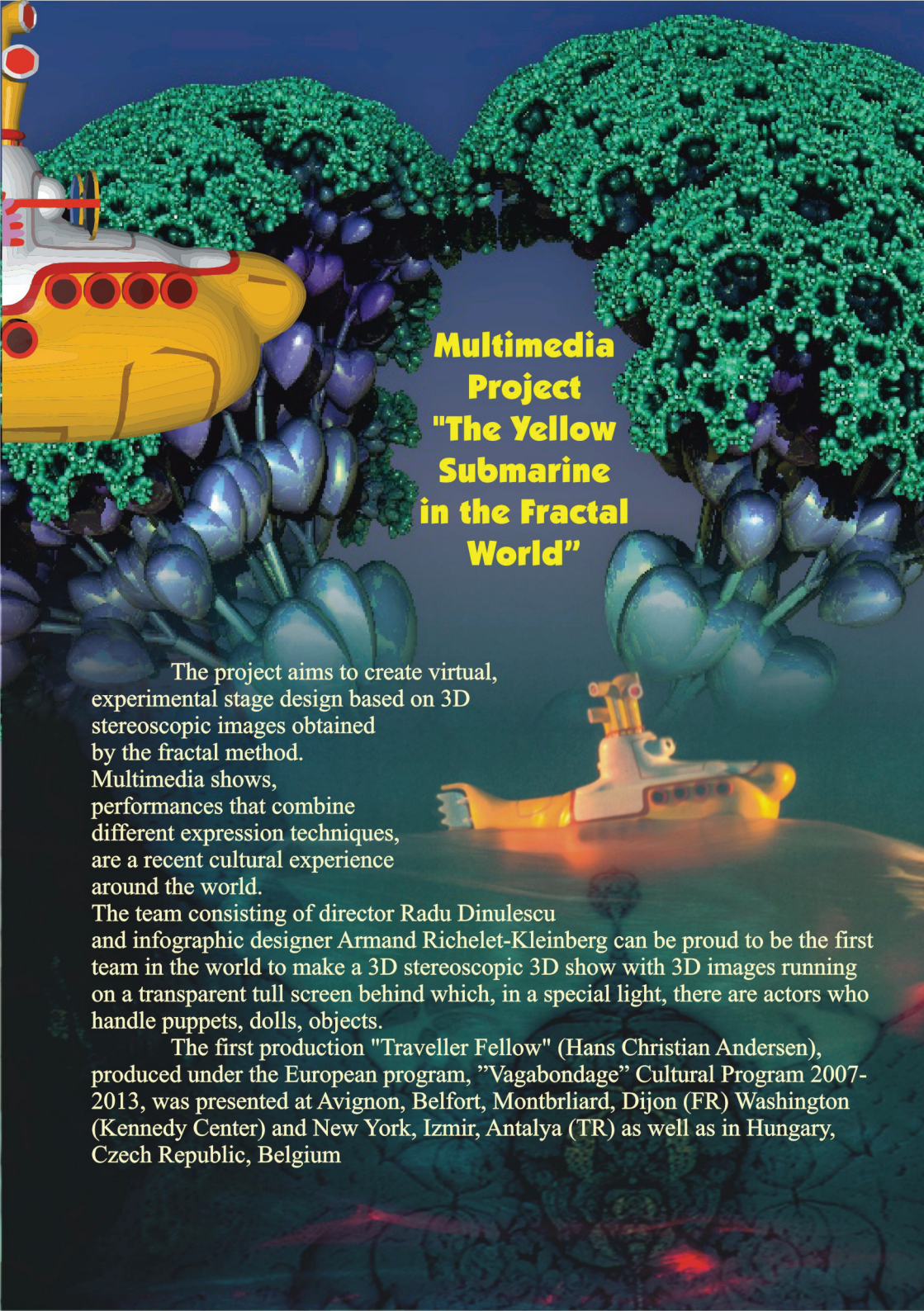




## Synopsis:

Little John, a kid who resembles the legendary John Lennon, goes on a walk through its multiethnic city, like many places of our times as arrives at a museum of cultural relics of the 20th century, presented in a projection form. Among many exhibits is the wreck of the yellow submarine, in front of which little John stops fascinated. Interfering with the projection resonance of the submarine, John is being pulled in a virtual universe, built by images in permanent composition, by the fractal method. The submarine and little John enter into unknown spaces, either enticing, hostile or charming, interacting with them in a odyssey! But all these virtual worlds can never be home. The return of the submarine to "shore" is a normal purpose, a human, cultural and moral. And the world from which she originally started seems to have become even more beautiful, more reconciled, more welcoming, more meaningful.



The background of the entire page is a complex 3D fractal landscape. It features large, rounded, green fractal structures that resemble stylized trees or coral. Interspersed among these are numerous purple, bulbous, and elongated fractal shapes. In the upper left, a large yellow submarine with red accents and circular portholes is partially visible. In the lower right, a smaller white boat with a yellow cabin and red details is shown. The overall color palette is dominated by green, purple, and yellow against a dark blue background.

## **Multimedia Project "The Yellow Submarine in the Fractal World"**

The project aims to create virtual, experimental stage design based on 3D stereoscopic images obtained by the fractal method. Multimedia shows, performances that combine different expression techniques, are a recent cultural experience around the world.

The team consisting of director Radu Dinulescu and infographic designer Armand Richelet-Kleinberg can be proud to be the first team in the world to make a 3D stereoscopic 3D show with 3D images running on a transparent tull screen behind which, in a special light, there are actors who handle puppets, dolls, objects.

The first production "Traveller Fellow" (Hans Christian Andersen), produced under the European program, "Vagabondage" Cultural Program 2007-2013, was presented at Avignon, Belfort, Montbriard, Dijon (FR) Washington (Kennedy Center) and New York, Izmir, Antalya (TR) as well as in Hungary, Czech Republic, Belgium





Initially, the shows could be watched using 3D bicolour glasses (red-cyan) subsequently, with the help of a 2012 A F C N project "Workshops 3D Multimedia ", we managed to move on to a superior technique, the images being products for active glasses, putting us in line with development world of 3D techniques. Between 2013 and 2015 the crew team received new funding European project for "Itinerances" under the same Culture Program 2007 - 2013. The main organizer of the project was the "Queen Mary" Theater from Oradea and Radu Dinulescu was the project manager. The project allowed the team to produce a wider puppet show from Czech Republic, with a multinational team with superior 3D images. The show "A thousand and one of the borders - Aladdin's story" received the award of scenography and was nominated for the special prize of the jury at "Atelier" International Festival in Sfântu Gheorghe.



With the show "Yellow Submarine" a new premiere was made world-wide integration into a 3D theater performance show stereoscopic samples obtained by the fractal method. There are 17 in the show different spaces, in continuous movement and transformation, obtained by fractals and fractals which, each in itself, represents a different world.

*With*

**Bulancea Iulian, Bulancea Carmen,  
Sonia Codorean**

*Directed by*

**Radu Dinulescu**

*Stage design and 3D imagery*

**Armand Richelet - Kleinberg**

*Music*

**Armand Richelet - Kleingberg  
(The Beatles themes)**

*Video projection,  
light and sound*

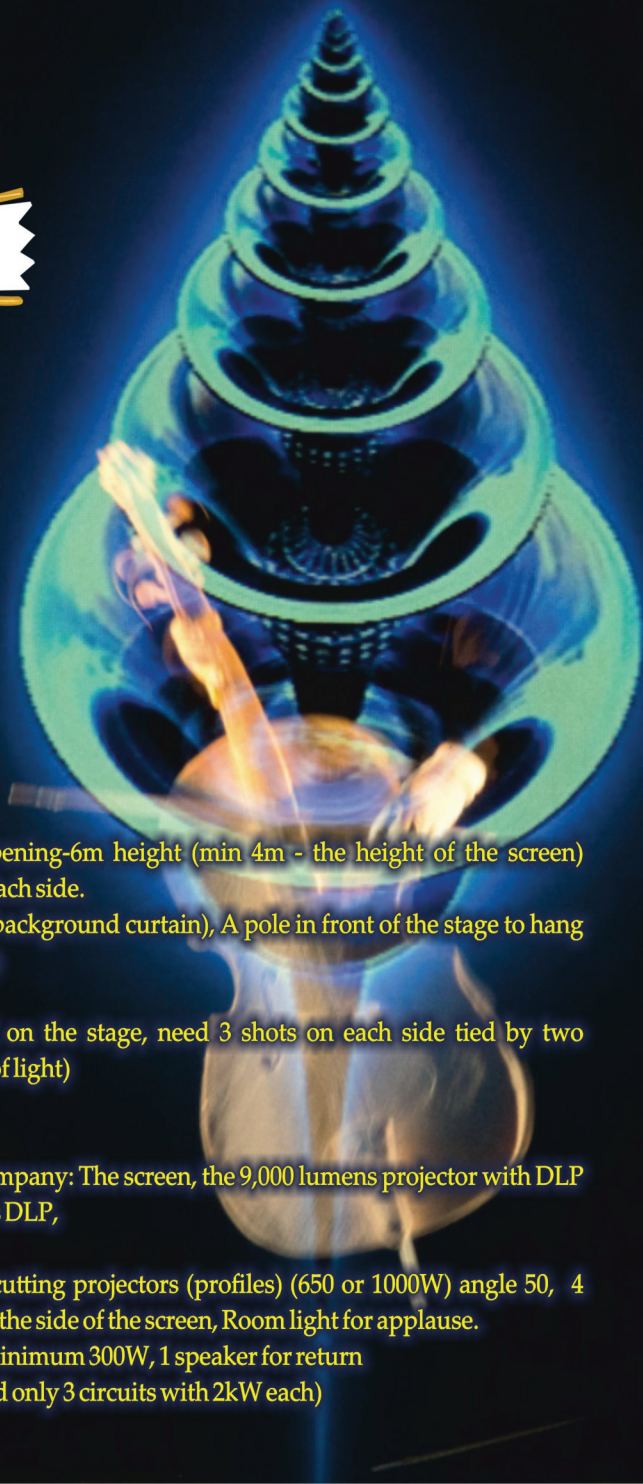
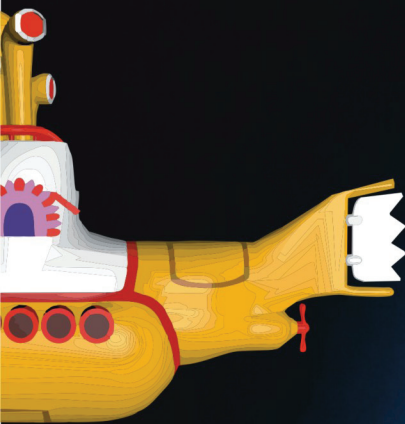
**Teodor Molnar**

*Props*

**Lucian Marchi** □







## *Technical Rider*

### **1. Stage requierments**

**Type of stage:** Italian stage

**Minimum dimensions:** Opening-6m height (min 4m - the height of the screen)  
Depth: 4m, Slides: 1,5m on each side.

**Characteristics:** Black Box (background curtain), A pole in front of the stage to hang the tulle screen (weight: 2kg)

#### **Special needs:**

The projectors are coupled on the stage, need 3 shots on each side tied by two (possibility to create streets of light)

### **2. Sets and accessories**

Material provided by the company: The screen, the 9,000 lumens projector with DLP system, 200 active 3D glasses DLP,

Puppets and accessories

Material to be provided: 6 cutting projectors (profiles) (650 or 1000W) angle 50, 4 tripods to hang projectors in the side of the screen, Room light for applause.

**Sound:** Mixer + 2 speakers minimum 300W, 1 speaker for return

**Light:** Simple mixer (we need only 3 circuits with 2kW each)



**Price of the show:**

2,000 EUR for the first performance

1,700 EUR the second (at the same place)

1,500 EUR the third (at the same place)

Show team: 3 actors

2 technicians

1 press officer

**Baia Mare Municipal Theater  
ROMANIA**

*Contact*

**Radu Dinulescu**

**d.radu1956@gmail.com**

*Phone*

**+40 745076699**

**+40 788523766**

**Trailer Vimeo:**

**[vimeo.com/288685151](https://vimeo.com/288685151)**







Association



**Baia Mare Municipal Theatre  
Puppetry Department**

**Manager  
Radu Macrinici**

[www.teatrulbm.ro](http://www.teatrulbm.ro)

e-mail: [teatrulbm@yahoo.com](mailto:teatrulbm@yahoo.com)

facebook: Teatrul Municipal Baia Mare

Radu Macrinici: 0722 386 907

Radu Dinulescu: 0745 076 699

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