

Exhibition

Daina Taimins HYPERBOLIC PLANES AND SUSTAINABILITY NETWORKS

October 4 – November 9, 2014

***kim?* Contemporary Art Centre, Maskavas street 12/1**

Curator: Rasa Smite

Produced by RIXC Center for New Media Culture

It is not an easy task to describe various natural shapes by mathematical formulas. Mathematician Daina Taimins is using crochet to create hyperbolic planes. As it turns out, the handicraft helps to understand mathematics, but the ancient art of crochet acquires contemporary resonance.

In January, at one of the opening events of Riga 2014, RIXC invited crocheters to make their own white hyperbolic planes in order to create the installation "The Cloud of White Thoughts". Nearly two hundred participants from all over Latvia joined in thus creating not only "The White Cloud" but also a social network.

Daina Taimins is Latvian mathematician, mathematical historian and artist. She was born in Riga, currently adjunct associate professor of mathematics in Cornell University (US). Crocheted first hyperbolic plane for using it in non-Euclidean geometry class in 1997.