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Popularization of Math Activities

- Baduk(Go) Events and Math Movie Screening -

The SEOUL ICM Organizing Committee offers a number of cultural event programs to the general public to show the true color of math. We are welcoming all registered participants to join this event programs without on/off-line reservation.






Baduk Events

On August 19th, there will be a special program showing that there is a close relationship between “Baduk=(Go)” and mathematics. At 3 p.m. in Room 401, COEX, Professor Byung-Doo LEE, Professional Go-player Chanwoo KIM, and Dr. Yonghoan KIM will deliver lectures titled “Math in Baduk”, “How can one’s Baduk level be tested?”, and “Combinatorial game theory and Baduk”, respectively.

Following the lectures, the world’s top class professional Baduk players will have simultaneous games with some luckily-selected participants. Even if you are a novice to Baduk, your heart will be throbbing much faster than any moving particles in the universe once you hear their names. They are Bong-soo SEO, Chang-hyuk YOO, Changho LEE, all of whom had at least one major world championship, and Jieun PARK, Hyojung KIM, who are woman professional Go-players. Of course, some of them like Changho LEE are legends in the world of Baduk. It is like taking soccer tutorials from Pele, Johan Cruyff, Diego Maradona and Lionel Messi.

More than that, Professional players Hyeyeon CHO and Dongeun CHOI will lead a special introductory program for novices. They will explain the basic rules of the game and show how to solve elementary problems in Baduk, which would make all the participants enjoy the fun of Baduk.


 ➤ **Profile of Speakers and Players of Baduk Events**

| Photo | Name | Occupation | Career |
|---|-------------------|--|---|
|  | Byung-Doo LEE | An associate professor of Sehan University | <ul style="list-style-type: none"> • Ph. D. in Philosophy at University of Auckland in 2000. • His doctoral thesis included the multi-strategic learning, reasoning and searching in the game of Baduk |
|  | Chanwoo KIM | Go player of 6- dan rank | <ul style="list-style-type: none"> • In 1998, won The 20th International Amateur Baduk Championship • A pupil of Kwon Gapyong 7p |
|  | Yonghoan KIM | | <ul style="list-style-type: none"> • Ph. D. in UC Berkeley • An expert of the Combinatorial game theory |
|  | Bong-soo SEO | Go player of 9- dan rank | <ul style="list-style-type: none"> • In 1971, won Myung-in title • In 1974, won Guk-gi title • In 1991, won Dong-yang Cup champion. • In 1997, 5th SBS Cup winning streak of 9 games • In 1994, set a record of 1000 wins. |
|  | Chang-hyuk YOO | Go player of 9- dan rank | <ul style="list-style-type: none"> • Recorded a grand slam in international tournaments(In 1993, 15th Fujitsu Cup, in 2000 Samsung Cup, in 2002, LG Cup) • In 1984, second place, International Amateur Baduk Championship |



| Picture | Name | Occupation | Career |
|---|--------------|---------------------------------|--|
|  | Chang-ho LEE | Go player of 9-dan rank | <ul style="list-style-type: none"> Achieved the world's youngest champion title at the age of 13 in the 8th the King of Baduk The world's youngest champion at the age of 16 in the 3rd Tong Yang Cup In 1989, set the record for total number of games(111 matches), the longest successive victories (41 games), the most wins (90 times), the best winning rate (78 wins 12 lose, 86.7%) |
|  | Jieun PARK | Go player of 9-dan rank | <ul style="list-style-type: none"> The first female go player of 9-dan rank in Korea In 2011, won the 2nd Gung Ryung San Byeon Cup (2 wins 1 lose) |
|  | Hyojung KIM | Go player of 2-dan rank | <ul style="list-style-type: none"> In 2013, appointed the president of pro-Go player Society. |
|  | Hye Yeon CHO | Go player of 9-dan rank | <ul style="list-style-type: none"> Joined the Go player society when she was only 11 years old (recorded the 3rd youngest) In 2004, won the 5th Female Meijin |
|  | Dongeun CHOI | Go player of the first-dan rank | <ul style="list-style-type: none"> In 2000, won the Women Seoul Mayor's Cup |



Math Movie Screening

Comment j'ai détesté les maths (How I came to hate math)

On August 19th, the organizing committee of Seoul ICM 2014 will host the film screening of the French movie "Comment j'ai détesté les maths (How I came to hate math)" from 5:30 p.m. at Hall D1 of COEX.

The movie begins with ordinary people's dark and negative perception of mathematics which seems to be the same everywhere in the world: boredom, hatred, curse, frustration, fury, useless, and many more..... and all of these complaints sum up to one question. "Why should we do all these stupid things?"




The French film-maker Olivier Peyon tries to find answers to this question by interviews with some of the front runners in the field such as Cédric Villani (2010 Fields medalist), Bernd Sturmfels (UC Berkeley), Jean-Pierre Bourguignon (President of European Research Council), Gert-Martin Greuel (Scientific Advisor of IMAGINARY), James Simons (Non-executive President of Renaissance Technologies). Also we can hear more friendly and more comfortable voices from ordinary math-loving people like Francois Sauvageot, a high school teacher in mathematics.

Of course, the elite mathematicians will talk about "passion", "beauty", "application" and other fancy terms on mathematics. But then again, together with soft voices, this movie can make ordinary people become NOT to hate math. That is, it can make ordinary people change their negative perception of mathematics to something more humane, friendlier, and close to everyday life.

In the movie, Cédric Villani gives an outstanding self-contradictory description of mathematics: "Mathematics is rigorous but also creative. It is abstract but universal. It's inegalitarian and democratic. It's ancient yet always evolving....."

Before the film screening, Cédric Villani will give a short introduction to the movie. After the movie show, Jean-Pierre Bourguignon and Gert-Martin Greuel will give additional comments on the movie. About 30 minutes-long Q & A session with public audience will follow.


 > **Profile of Speakers of Math Movie Screening**

| Picture | Name | Positoin | Career |
|---|-------------------------|--|---|
|  | Cédric Villani | <ul style="list-style-type: none"> • Past Professor at University of Lyon, • Director of Institut Henri Poincaré | <ul style="list-style-type: none"> • In 2009, awarded Henri Poincaré Prize, Fermat Prize • In 2010, awarded the Fields Medal • Professor at the École normale supérieure in France. • The director of Institut Henri Poincaré in Paris. |
|  | Jean-Pierre Bourguignon | <ul style="list-style-type: none"> • President of the European Research Council | <ul style="list-style-type: none"> • Fellow of the Centre National de la Recherche Scientifique (CNRS). • Former member of the Board of the EuroScience organisation (2002-2006) • EuroScience Open Forum (ESOF) committee since 2004. |
|  | Gert-Martin Greuel | <ul style="list-style-type: none"> • Member of the Executive Committee of the European Mathematical Society (EMS) | <ul style="list-style-type: none"> • Science Advisory Committee for IMAGINARY (Math Popularization Program) |

The Seoul ICM 2014 Public and Media Relations Committee

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