

Virtual mental calculation workshop with Dr. Dr. Gert Mittring May 12-14, 2021 - Program (subject to change)

The workshop will take place via Microsoft Teams. Access information will be sent to all registered participants by email until 11 May.

Wednesday | 12 May 2021 | afternoon

14:30 – 15:00	Participants are invited to connect at least 15 minutes before the start to test the connection (camera, microphone).
15:00 – 15:10	<p>OPENING AND INTRODUCTIONS (German/English)</p> <ul style="list-style-type: none"> - Meret Wirz (EHK President) - Dr Eva Hüpkes (EHK Board) - Benno Kaiser Arcadia (host) - Dr. Dr. Gert Mittring - Pascal Kaul - Maximilian Krahn
15:10 – 15:25	<p>INTRODUCTION AND QUESTIONS (German/English)</p> <ul style="list-style-type: none"> - Dr. Dr. Gert Mittring
15:25 – 15:30	<p>Short Introduction to Microsoft Teams (English/German)</p> <ul style="list-style-type: none"> - Yasmine Bunter
15:30 – 16:55	<p>WORKSHOP 1: Basic arithmetic (see separate program)</p> <p>Short introductions of participants at the beginning of the workshops in groups.</p> <p>Dr. Dr. Gert Mittring/Pascal Kaul/ Maximilian Krahn</p> <ul style="list-style-type: none"> Group 1 German Group 2 German Group 3 English

16:55 – 17:00	Pause
17:00 – 17:20	„Secrets of root algorithms“ (Englisch/Deutsch) - Maximilian Krahn
17:20 – 17:30	Closing remarks (German/English) - Dr. Dr. Gert Mittring

Thursday | 13 May 2021 | morning

9:30 – 10:00	Participants are invited to connect at least 15 minutes before the start to test the connection.
10:30 – 10:40	Pause
10:40 – 12:00	<p>WORKSHOP 2: Basic arithmetic and roots Dr. Dr. Gert Mittring/Pascal Kaul/ Maximilian Krahn</p> <p>Group 1 German Group 2 German Group 3 English</p>

Thursday | 13 May 2021 | afternoon

13:30 – 14:00	Participants are invited to connect at least 15 minutes before the start to test the connection.
14:00 – 14:30	<p>EXPLANATION OF THE TOPIC OF THE AFTERNOON (fractional calculation, prime factors, estimating (possibly currency calculation)) - Dr. Dr. Gert Mittring</p>
14:30 – 14:40	Pause
14:40 – 16:00	<p>Workshop 3: Fractional calculation, prime factors, estimating (possibly currency calculation) Dr. Dr. Gert Mittring/Pascal Kaul/ Maximilian Krahn</p> <p>Group 1 German Group 2 German Group 3 English</p>

16:00 – 16:20	Pause
16:20 – 16:40	Karatsuba's Multiplication Algorithm/ Karatsuba Multiplication (English/German) - Jonathan Unger
16:40 – 17:00	Closing remarks and question-and-answer session - Dr. Dr. Gert Mittring
17:00 – 18.00	For the parents: "How do I support my mathematically interested child? Conversation with Tanvi Shah (MA, PGCE, CIMA and MBA) Edupreneur in the Field of mathematics. A founder member of Mathe OlympIQ, teacher at the Swiss International School and OlympIQ Talent School Basel, and Dr. Dr. Gert Mittring. (English/German) Please ask questions in chat.

Friday | 14 May 2021 | morning

9:30 – 10:00	Participants are invited to connect at least 15 minutes before the start to test the connection.
10:00 – 10:30	<p>INTRODUCTION OF THE TOPIC OF THE MORNING: calendar calculation; Question mark calculation; calculation of letters; Next square number; Number systems; Potencies</p> <ul style="list-style-type: none"> - Dr. Dr. Gert Mittring
10:30 – 10:45	Pause
10:45 – 12:15	<p>Workshop 4: Calendar invoice; Question mark calculation; calculation of letters; Next square number; Number systems; Powers</p> <p>Dr. Dr. Gert Mittring/Pascal Kaul/ Maximilian Krahn</p> <ul style="list-style-type: none"> Group 1 German Group 2 German Group 3 English

Friday | 12 May 2021 | afternoon

13:30 – 14:00	Participants are invited to connect at least 15 minutes before the start to test the connection.
14:00 – 14:30	<p>Question Round</p> <ul style="list-style-type: none"> - Dr. Dr. Gert Mittring - Pascal Kaul - Maximilian Krahn
14:30 – 14:40	Pause

14:40 – 16:00	REPETITION AND ARITHMETIC GAMES
16:00 – 16:10	Pause
16:10 – 16:30	"Practical solution of prime number problems" (German/English) - Pascal Kaul
16:30 – 17:00	Closing remarks - Dr. Eva Hüpkes (EHK Board of Directors) - Meret Wirz (EHK President) - Dr. Dr. Gert Mittring