function educate(attendeer) {
    return attended

    educate(attendeer) {
        function educate(attendeer) {
            return [attendeer, knowledge]}
        }
        }
        }

AFTER THIS THERE IS NO TURNING BACK
Welcome to Lambda Days 2024! We have put together this handy guide to help you plan your trip!

Table of Content

Page 3.................... Hotel rooms
Page 4.................... Moving around Krakow
Page 5.................... Cafés & restaurants
Page 6.................... What to see & visit
Page 8.................... First time at Lambda Days
Page 9.................... Agenda
Page 11................... Afterparty
Page 12................... Code Sync conferences
Book a room

We managed to secure rooms at a special B&B rate per night for Lambda Days guests at the hotels below:

**HYATT PLACE KRAKOW ******
Aleja 3 Maja 47a, 30-062 Kraków

**PRICES:**
-20% off the full price published on the hotel website

To book and get an attendee discount remember to contact krakow.place@hyatt.com using the password "LAMBDA DAYS"

**HOTEL UNICUS ******
ul. Św. Marka 20, 31-020 Kraków

**PRICES:**
-20% off the full price published on the hotel website

To check the attendee price and book contact recepcja@hotelunicus.pl using the password "LAMBDA DAYS"
Welcome to Kraków

Welcome to one of the most beautiful cities in Poland, known for its well-preserved medieval architecture, artsy vibe, student life, excellent restaurants but also quickly developing IT sector and vibrant FP communities.

Moving around

FROM KRAKOW AIRPORT
Best way to get from the airport to the venue, apart from taxi or Uber, is to take the fast train (17 min) to the Krakow Main Station ("Krakow Główny"). Current departures of the trains and buses are presented on the screen located in front of the arrivals gate. To get to the train station take escalators to the 1st floor and go through a footbridge above the road to the multi-store car park. Trains are equipped with air conditioning, power outlets, Wi-Fi and ticket machines. More information can be found on krakowairport.pl website.

AROUND KRAKOW
When in Krakow centre, you can move around by taxi, Uber, Bolt etc. or public transport, which is quite reliable. Use jakdojade.pl for timetables and buying tickets. You can also use google maps (public transport search) and buy tickets at the machines on selected stops or selected vehicles.

PARKING
Street parking in the centre is available along the edges of roads and on some sidewalks where marked and it must be paid Mon–Sat 8:00–20:00 via app or at the ticket machine. The more comfortable solution is to use the centrally-located public parking lots, such as ‘Przy Muzeum’, Al. Mickiewicza 18 – an underground parking garage in front of the main branch of the National Museum, within walking distance to Lambda Days venue.
Here is the list of the best coffees and restaurants in the vicinity of Lambda Days venue according to our team:

GOOD COFFEE & BREAKFAST
- Tektura Cafe (Krupnicza) - best coffee and alternative coffee in the area
- Café Lisboa (Dolnych Mlyñów) - quaint, low-key venue specializing in Portuguese egg custard tarts
- Tektura (Krupnicza) - for simple breakfast (vegetarian) opens at 7.00am
- Astrid (Batorego) - a bit further but worth it - Nordic breakfast/brunch concept food and if it’s full, Kaffee Bageri around the corner is best for fika

GOOD FOOD
- Dynia Resto Bar (Krupnicza) - colourful, family-friendly with a garden and menu of global dishes - never disappoints
- Mazaya (Krupnicza) - Syrian bistro with perfect falafels, hummus and delicious tea. Very good wraps to go.
- Molám (Dolnych Mlyñów) - the best Thai original place and cool atmosphere. Small menu that changes regularly
- N'Pizza (Dolnych Mlyñów) - an elegant but chilled place with very good Italian pizza and prosecco
- My Korea (Rajska) - shop and bistro where you can eat a corndog, tteokbokki or kimbap at the counter
- Morskie Oko (pl. Szczepański) - delicious Polish cuisine in a traditional/cottage style
- Kluska na Placu (pl. Szczepański) - fresh look at Polish, but most of all Silesian cuisine - you have to try those Silesian dumplings with beef roulade
- Kinki Ramen (Piłsudzkiego) - tastes of Japan on the highest level, vegan options and pleasant interior

GOOD BEER
Multi Qlti Tap Bar (Szewska) - the closest cool bar with craft beer and fries
Places to visit

If you arrive earlier or would like to stay longer, here are our recommendations on what you can see in Kraków:

- **Rynek Underground Museum** – located under the Main Square, mixes cool technologies and archaeological discoveries to tell a story of the past.

- **Wawel Hill** – a short walk from the Main Square, worth climbing on for the amazing view and vibe. Don’t forget to check out the Dragon’s Den and next to the river, the Dragon that gets thirsty every 3–4 minutes!

- **Hala Forum** – have a nice summer walk on Vistulan Boulevards starting near the Castle and ending in Forum, a cool, very popular leisure place with bars, good food & coffee choices, and an amazing view of the city and river. Great for chilling with friends, though crowded during weekends.

- **Pubs and restaurants near Plac Nowy in Kazimierz, the Jewish quarter**, 20 min from Main Square. Spiritual and bohemian centre. “Zapiekanki” from the rotunda in the middle of the square is a legendary Krakovian street food you should try when hungry.
DO YOU HAVE MORE TIME FOR SIGHTSEEING?

- Wieliczka Salt Mine - if you have a free day, take a train or bus (20–30 min) to Wieliczka and book a tour of mines - discover the amazing underground world with lakes and chapels built by miners.

- Schindler’s (yes, the one who made the List) Factory - in our opinion the best exhibition/museum in Kraków showing how everyday life was disrupted by nazi occupation. Very moving, and very well designed. Save 2–3 hours for it.

- Krakus Mound - for those who look for solitude and nature and a bit of trekking. Great panorama of the city and a spot for a picnic. Enter from Podgórze market square, take the overbridge and afterwards go for a walk around Liban Quarry.

- Nowa Huta - an area of Krakow, a masterpiece of socialist-realist urban planning and Communist architecture in the north-east of the city. We recommend sightseeing with Crazy Guides, who’ll take you down into the old nuclear fallout shelters and on a ride in a vintage Trabant automobile.

Events to attend

22–26 May - 17. Film Music Festival - one of the best festivals dedicated to soundtracks from movies and video games. Live orchestral concerts to the iconic and new scores, guest composers, meet & greets and more!
First Time at Lambda Days?

Don’t worry, we have your back! We love new members of the community! We’ve prepared a FAQ document on the Lambda Days website that will help you with questions like what should I wear, eat or should I prepare at all? Before and during the event, don’t hesitate to ask us and the volunteers any questions.

We recommend downloading the conference mobile app Nunify before the event (expect more information a week before the event), where you will find lots of useful tips, floor plans, agenda, notifications from organisers etc. You can also suggest meetups and meetings, chat with other attendees and make new friends before the conference starts.

If you’re unsure which talk to attend, we hope the "Beginner-friendly" tag visible on the website and conference app agenda will help you.

Name Badges

For those, who are shy or just introvertic, we’ve added a special section on the name badges where you can write a conversation starter tip for other attendees who approach you. It doesn’t have to be about programming – for example it can be your favourite show or your pet!
# Agenda - Day 2

**MAY 28, 2024**

<table>
<thead>
<tr>
<th>Time</th>
<th>AULA DUŻA</th>
<th>AULA ŚREDNIA</th>
<th>AULA MAŁA</th>
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</thead>
<tbody>
<tr>
<td>8:30 - 9:00</td>
<td>REGISTRATION</td>
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<tr>
<td>9:00 - 9:10</td>
<td>WELCOME</td>
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<tr>
<td>9:10 - 10:00</td>
<td><strong>Keynote: Algebraic Effect Handlers with Parallelizable Computations</strong></td>
<td><strong>Lightning talks</strong></td>
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<td>10:05 - 10:50</td>
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<tr>
<td>10:50 - 11:30</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>11:20 - 12:05</td>
<td><strong>Property-Testing off the Things in SerenityOS</strong></td>
<td><strong>The Functional Edge: Robotic Testing with Bowler Studio and Elektron</strong></td>
<td><strong>Automata Unveiled: A Theoretical Exploration of State Machines</strong></td>
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<tr>
<td></td>
<td>Martin Bansecke</td>
<td>Thomas Gebhart</td>
<td>Natalia Vidal</td>
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<td></td>
<td>Beginner-Friendly</td>
<td>Beginner-Friendly</td>
<td>Quality Assurance</td>
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<tr>
<td>12:10 - 13:00</td>
<td><strong>WeakRef-Tabuleiro - or how to formally verify a not- slow interpreter with not-insane amount of effort</strong></td>
<td><strong>MuJava Streaming in the functional world</strong></td>
<td><strong>Cellular Automata for video games</strong></td>
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<td>Fabio Tola</td>
<td>Mateusz Korka</td>
<td>MuJava</td>
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<tr>
<td></td>
<td>Intermediate-Verifier</td>
<td>Beginner-Friendly</td>
<td>Quality Assurance</td>
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<tr>
<td>12:50 - 13:30</td>
<td><strong>LUNCH BREAK</strong></td>
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<tr>
<td>13:30 - 14:20</td>
<td><strong>Keynote: The Two Cultures of Artificial Intelligence</strong></td>
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<td></td>
<td>Filip Wondeer</td>
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<td>Beginner-Friendly</td>
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<tr>
<td>14:25 - 15:10</td>
<td><strong>The design and implementation of embedded Domain Specific Languages</strong></td>
<td><strong>Functional Platform Engineering with Scala and Pulumi</strong></td>
<td><strong>The Power of Mentoring: Nurturing Growth in the IT Industry - panel discussion</strong></td>
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<td></td>
<td>Peter Kopsian</td>
<td>Lukasz Jóźwik</td>
<td>Monika McGurran</td>
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<td></td>
<td>Mart Łobodzi</td>
<td>Beginner-Friendly</td>
<td>Sophie Colwell</td>
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<td>Beginner-Free</td>
<td>Scala, Gradle</td>
<td>Mateusz Gargiwoz</td>
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<tr>
<td>15:10 - 16:00</td>
<td><strong>COFFEE BREAK</strong></td>
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<td>15:40 - 16:00</td>
<td><strong>Detecting Noninterference Violations with Property-Booted Testing</strong></td>
<td><strong>Well-typed Programs Can Go Wrong: Enhancing the Reliability of Type Checkers in Compilers</strong></td>
<td><strong>A Scientific Document Management System (EMM + Lamdeer)</strong></td>
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<td></td>
<td>Fernando Andrada</td>
<td>Theodosia Kalogridas</td>
<td>James Carlson</td>
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<tr>
<td></td>
<td>Property-Inference</td>
<td>Security</td>
<td>Beginner-Friendly</td>
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<tr>
<td>16:05 - 16:55</td>
<td><strong>Keynote Programming for the planet And Moreover Good</strong></td>
<td><strong>Research</strong></td>
<td>EES, Lamdeer</td>
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<td></td>
<td>Tomasz Czajkowski</td>
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<td></td>
<td>Beginner-Friendly</td>
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<tr>
<td>16:55 - 17:10</td>
<td><strong>CLOSING NOTES</strong></td>
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</table>
Informal drinks and nibbles will be available from 6:00 PM on Monday, 27 May on Bracka 4 Street.

After the first day of the conference, we invite all the attendees to **N’JOY & Billard | Bracka 4** (2nd floor), an exciting spot just next to the Main Square!

Expect informal drinks, nibbles, good company and more discussions about the functional world. It’s a 15-minute walk from the venue through Krakow’s Old Town. We hope to see you there!

Scan the code for the address.

Bring your conference badge!
Lambda Days was brought to you by Code Sync, a team behind tech conferences bringing people together to facilitate a debate on Erlang, Elixir, the BEAM ecosystem and functional programming.

Check out all of our events: codesync.global

- **Code BEAM Lite**: 13 May, Stockholm, Sweden
- **Code BEAM Europe**: 14–15 October, Berlin, Germany
- **Code BEAM America**: March 2025, TBA, USA

RabbitMQ Summit
15 October, Berlin, Germany

ElixirConf EU
15–16 May 2025, Kraków, Poland