Closing Remarks (and feedback summary)
Participants

- 477 applications
- 135 registered attendees
- 35% female (2021 ~39%)
- 10% from industry
General Organization

- Very few remarks about the organization
  
  - Improve connections between the lectures and the lab guide
  
  - Cover other ML topics and application areas besides NLP (some interesting suggestions)
  
  - Maybe have a half day off in the middle of the week
  
  - Social activities at the banquet & start later on the day after

- Thanks to Tereza Traquinas, Sara Correia, Ana Rodrigues for admin. support
Morning Lectures and Afternoon Talks

- More frequent breaks!
- Assessments of which topics should receive more/less coverage/density are not consistent

Afternoon Talks

- All with very positive ratings
- More diversity of topics
Labs

- Labs and guides mostly got positive remarks
  - harder to follow after day 2, specially days 3 and 4
  - doing the exercises alone was hard
- Ratings for monitors were also mostly positive

What is your general opinion about the lab guides and code?

- They helped me understand the lecture...
- They are OK, but not crucial for my understanding...
- The material is better covered elsewhere...
- They should instead just be a collection of links...
- The labs were amazing. Most were a r...
Food

- **Coffee breaks with very positive ratings**
  - Hand out water bottles
  - Provide more fruit
  - Provide more places for sitting down

- **Lunch breaks with some complains about the food**
  - Duration for the lunch breaks was OK
  - More options, better quality

- **Banquet with positive ratings**
  - Have a speech by the organizers
  - Some interesting ideas (choose a place outside, activities like dancing/music, etc.)
  - Positive remarks on the location
Facilities

- Lecture room with very good ratings
  - Seats too small
  - No support for laptops

- Lab rooms with mostly positive ratings
  - Complaints about the temperature in the lab rooms (too cold)
  - Quality of the rooms was uneven
Overall

- LxMLS overall:

- Some suggestions for improvement:
  - More breaks! Shorter and more frequent breaks
  - More on transformer models, multimodal learning, graph neural nets, representation learning, …
  - More hands-on examples

- Many thanks for your suggestions!
Thanks to our sponsors!

Google

DeepMind

zendesk
Thanks to our partners!
A big thanks to our speakers and panelists!
And also a big thanks to our monitors!
A decade of LxMLS…
2011: “Learning for the Web”

Miles Osborne: Social Media

Mário Figueiredo: Network Inference

Slav Petrov: Learning to Understand the Web

Phil Blunsom: Statistical Machine Translation

João Graça: Priors in Learning for NLP
2012: “Taming the Social Web”

Noah Smith: 
Text and Social Context

Paul Ogilvie: 
Recommender Systems

Jacob Eisentien: 
Social Meaning from Social Media

Slav Petrov: 
Understanding All the Languages

Partha Talukdar: 
Semi-Supervised Learning
2013: “Learning with Big Data”

Chris Dyer: Modelling Morphological Rich Languages
Sebastian Riedel: Relation Extraction with Matrix Factorization
Slav Petrov: Understanding All the Languages
Kevin Knight: Translation and Code Breaking
Stefan Riezler: Learning from Large-Scale High-Dimensional Data
2014: “Learning with Big Data”

Andreas Mueller: Prototyping with Scikit-Learn

Ariadna Quattoni: Spectral Learning

Dipanjan Das: Cross-Lingual Learning for Syntax

Ivan Titov: Cross-Lingual Semantics

Phil Blunsom: Compositional Semantics, Deep Learning, and Machine Translation
2015: “Natural Language Understanding”

Yejin Choi: Large-Scale Language Grounding with Vision

Fernando Pereira: Meaning in the Wild

Lucia Specia: Statistical Machine Translation

Phil Blunsom: Teaching Machines to Read and Comprehend

Roberto Navigli: Multilingual Word Sense Disambiguation and Entity Linking
Andreas Vlachos: Structured Prediction in NLP with Imitation Learning

André Martins: Turbo-Parser Redux

Philip Koehn: Machine Translation as Sequence Modelling

Antoine Bordes: Memory Networks for Language Understanding
2017

Fernando Pereira: Learning and Representation in Language Understanding

Alexandra Birch: Smaller, Deeper, Faster MT

Mark Gales: Deep Learning for Speech Recognition

Graham Neubig: Learning with Dynamic Neural Networks

Kyunghyun Cho: Neural Machine Translation and Beyond
2018

Karen Livescu: Multi-view Representation Learning for Speech and Language

Yejin Choi: Making Neural Generation Better with Commonsense

Karl Moritz Hermann: Learning Language by Grounding Language

Alexander Rush: Controlling Text Generation

Kyunghyun Cho: Meta Learning of Neural MT for Low-Resource Language Pairs
2019

Tara Sainath: End-to-End Speech Recognition

Slav Petrov: Natural Language Representation and Challenges

Yoav Goldberg: What do Neural Models Learn?

Kyunghyun Cho: A Generalized Framework for Sequence Generation

Claire Cardie: Information Extraction from Text: from Opinions, to Arguments to Persuasion
2020

Isabelle Augenstein: Explainability for NLP

Ivan Titov: Graph Neural Networks in NLP

Mari Ostendorf: Processing Spoken Language

Kyunghyun Cho: Q&A and Generation for Evaluating Summarization

Slav Petrov: NLP for the Real World
Next decade... ?
Thanks for attending!