

Closing Remarks (and feedback summary)

Participants

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



Participants



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



23 Responses

- I found them important to see how the...
- They were OK
- I found them useless (e.g. uninterestin...
- I found them useful for the reason abo...
- They were ok, but I did not get all from...
- They were interesting although not all...
- Since they were advanced topics of N...
- Very important and interesting talks, s...

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 lectur...
They are OK, but not crucial for my un...
The material is better covered elsewh...
They should instead just be a collectio...
The labs were amazing. Most were a r...

23 responses

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



- 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!





zendesk

Thanks to our partners!













Carnegie Mellon Portugal





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 de 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 Eisentein: 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







Fernando Pereira: Learning and Representation in Language Understading

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



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



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



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



Isabelle Augenstein: Explainability for NLP



Ivan Titov: Graph Neural Networks in NLP



Slav Petrov: NLP for the Real World



Mari Ostendorf: Processing Spoken Language



Kyunghyun Cho: Q&A and Generation for Evaluating Summarization



Iryna Gurevych: Adapters in Transformers



Barbara Plank: Transfer and Multi-Task Learning in NLP



Slav Petrov: Is Scale All we Need?



Graham Neubig: How Can We Know What and When Language Models Know



Kyunghyun Cho: KLUE - Korean Language Understanding Evaluation

Next decade...?

Thanks for attending!

