

## Koc University, Istanbul

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Partner looking for project

**Institution / Department:**

Koc University

**Country:**

Turkey

**Name:**

Deniz Yuret

**Position title:**

Associate Professor of Computer Engineering

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**Research areas of your institution:**

- [Deniz Yuret](#) <sup>[2]</sup>: Natural Language Processing, Machine Learning
- [Aylin Kuntay](#) <sup>[3]</sup>: Child Language Learning
- [Yucel Yemez](#) <sup>[4]</sup>: Machine Vision

**Comment:**

Deniz Yuret has worked on word embeddings [\[1\]](#) <sup>[5]</sup> [\[7\]](#) <sup>[6]</sup> [\[11\]](#) <sup>[7]</sup> [\[12\]](#) <sup>[8]</sup> [\[13\]](#) <sup>[9]</sup>, lexical semantics [\[2\]](#) <sup>[10]</sup> [\[22\]](#) <sup>[11]</sup>, language modeling [\[3\]](#) <sup>[12]</sup> [\[4\]](#) <sup>[13]</sup> [\[21\]](#) <sup>[14]</sup>, word sense induction and disambiguation [\[9\]](#) <sup>[15]</sup> [\[18\]](#) <sup>[16]</sup> [\[24\]](#) <sup>[17]</sup>, supervised and unsupervised parsing [\[10\]](#) <sup>[18]</sup> [\[23\]](#) <sup>[19]</sup> [\[26\]](#) <sup>[20]</sup>, phrase based machine translation [\[14\]](#) <sup>[21]</sup> [\[15\]](#) <sup>[22]</sup> [\[16\]](#) <sup>[23]</sup> [\[17\]](#) <sup>[24]</sup>, syntactic and morphological disambiguation [\[19\]](#) <sup>[25]</sup> [\[20\]](#) <sup>[26]</sup> [\[25\]](#) <sup>[27]</sup>, and has done some preliminary work on connecting language to images [\[5\]](#) <sup>[28]</sup> [\[8\]](#) <sup>[29]</sup>, and vision to language [\[6\]](#) <sup>[30]</sup>. He was a partner in the [Bologna Translation EU project](#) <sup>[31]</sup>.

Aylin Kuntay is an expert on Language and Communication Development of Infants & Preschool Children.

Yucel Yemez has worked on Multicamera motion capture, 3D object modeling and tracking, Object Recognition via deep learning, 3D geometry modeling, 3D shape correspondence, 3D content-based object retrieval, Multimodal Signal Processing for Human-Machine Interface, Audio-driven body/face motion analysis and synthesis, and 3D reconstruction from depth/rgb video.

**Topic:**

Human Language Understanding: Grounding Language Learning

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• [Administration](#)

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**Links:**

- [1] <mailto:dyuret@ku.edu.tr>
- [2] <http://www.denizyuret.com>
- [3] <http://www.aylinkuntay.com>
- [4] <http://home.ku.edu.tr/~yyemez/>
- [5] <http://www.denizyuret.com/2014/08/unsupervised-instance-based-part-of.html>
- [6] <http://www.denizyuret.com/2014/08/volkan-cirik-ms-2014.html>
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- [28] <http://www.denizyuret.com/2013/11/a-language-visualization-system.html>
- [29] <http://www.denizyuret.com/2014/03/emre-unal-ms-2014.html>
- [30] <http://www.denizyuret.com/2008/12/show-and-tell.html>
- [31] <http://www.bologna-translation.eu/>