



WORKSHOP DE

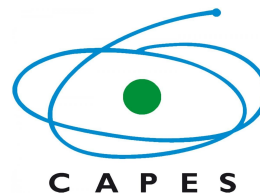
# PROCESSAMENTO DE TEXTOS LEGISLATIVOS

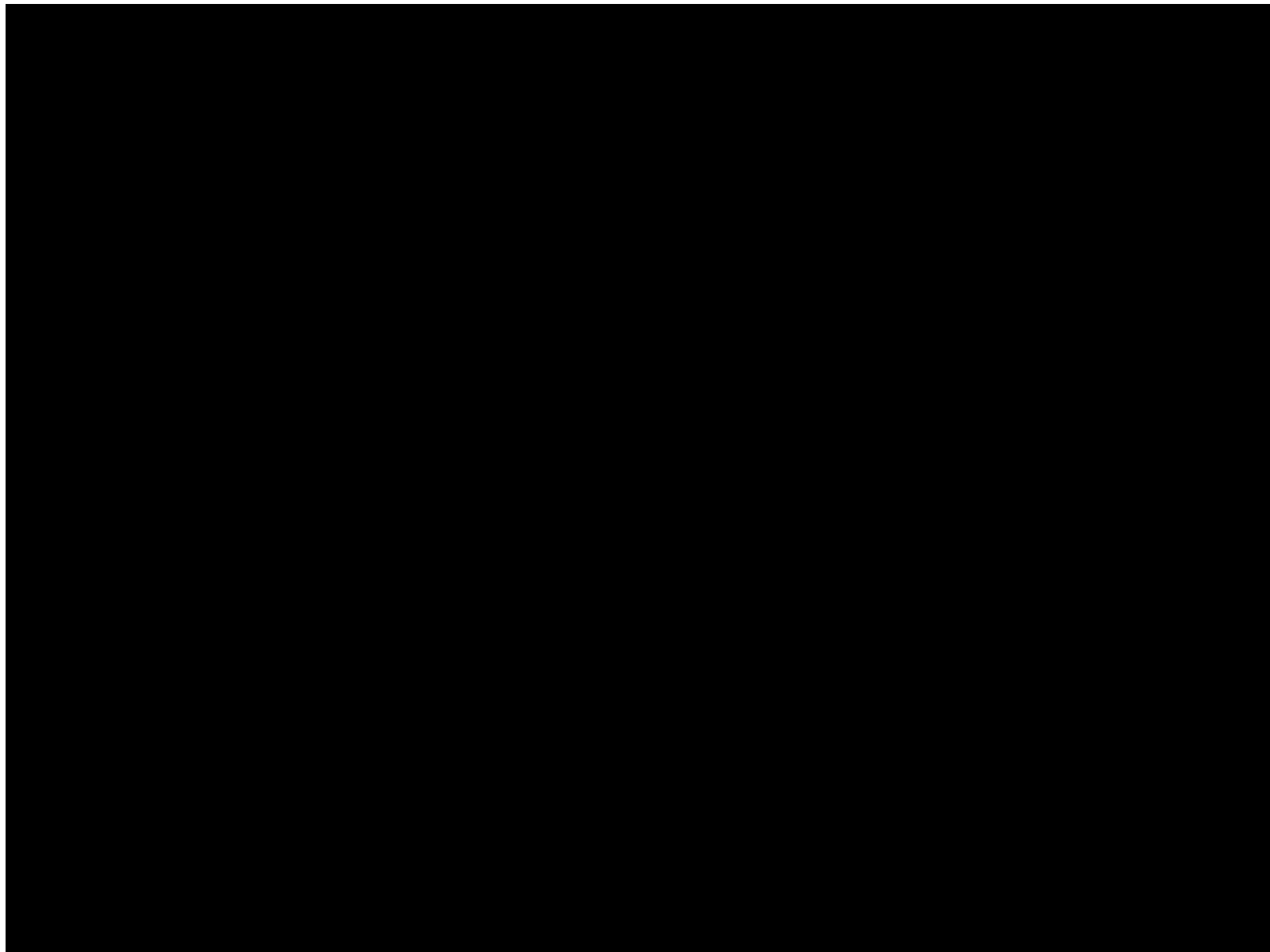
2º EDIÇÃO



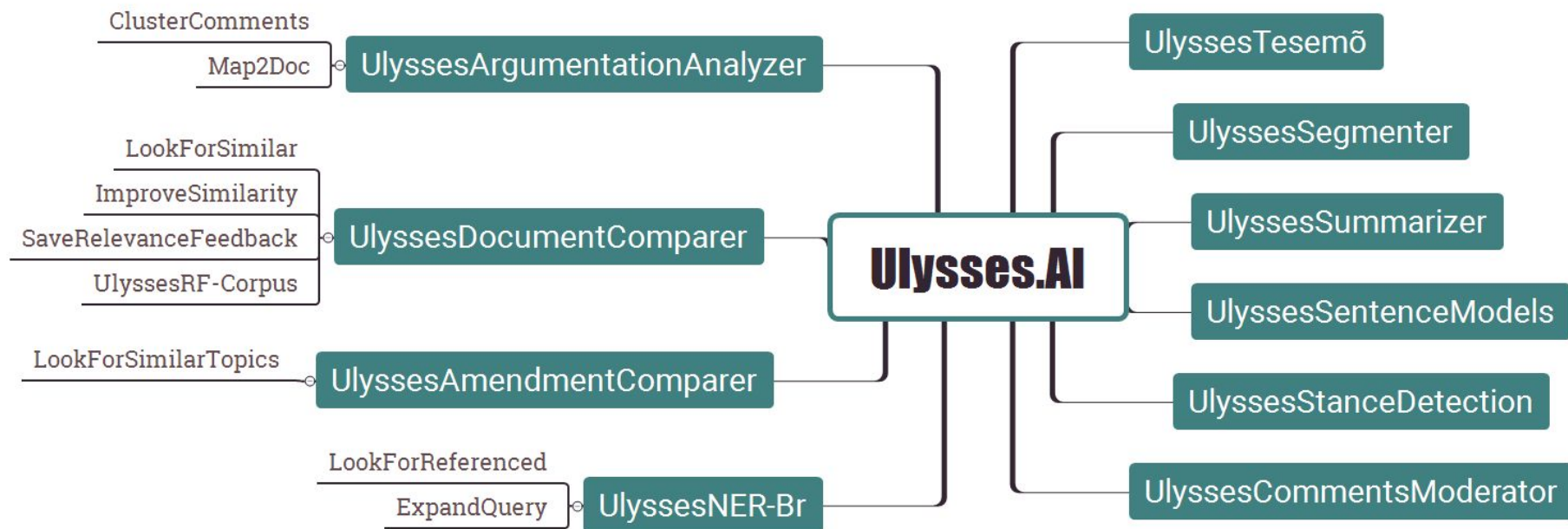
# WORKSHOP DE PROCESSAMENTO DE TEXTOS LEGISLATIVOS

2º EDIÇÃO





<https://www.camara.leg.br/noticias/548730-camara-lanca-ulysses-robo-digital-que-articula-dados-legislativos/>



# Equipe atual

Prof. André C. P. L. F. de Carvalho



WORKSHOP DE  
PROCESSAMENTO DE  
TEXTOS LEGISLATIVOS

2ª EDIÇÃO



# Equipe

Prof. André C. P. L. F. de Carvalho



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**PROCESSAMENTO DE  
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# Equipe

Prof. André C. P. L. F. de Carvalho



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# Colaboradores (outros)







# Publicações (2021)

1. SILVA, Nádia.F.F.. et al. (2021) Evaluating Topic Models in Portuguese Political Comments About Bills from Brazil's Chamber of Deputies. In: Britto A., Valdivia Delgado K. (eds) Intelligent Systems. BRACIS 2021. Lecture Notes in Computer Science, vol 13074. Springer, Cham.  
[https://doi.org/10.1007/978-3-030-91699-2\\_8](https://doi.org/10.1007/978-3-030-91699-2_8). (Qualis A4)
2. SOUZA, Ellen. et al. (2021) Assessing the Impact of Stemming Algorithms Applied to Brazilian Legislative Documents Retrieval. In: XIII Brazilian Symposium in Information and Human Language Technology (STIL 2021). DOI:  
<https://doi.org/10.5753/stil.2021.17802>. (Qualis B1)
3. SOUZA, Ellen. et al. (2021) An Information Retrieval Pipeline for Legislative Documents from the Brazilian Chamber of Deputies. In: 34th International Conference on Legal Knowledge and Information Systems (JURIX 2021).  
<https://DOI:10.3233/FAIA210326>. (Qualis B1)



# Publicações (2022)

1. ALBUQUERQUE, Hidelberg. O. et al. (2022) UlyssesNER-Br: a Corpus of Brazilian Legislative Documents for Named Entity. In: 15th International Conference on Computational Processing of Portuguese (PROPOR 2022). Lecture Notes in Computer Science, vol 13208. Springer, Cham.  
[https://doi.org/10.1007/978-3-030-98305-5\\_1](https://doi.org/10.1007/978-3-030-98305-5_1). (Qualis A4)
2. COSTA, Rosimeire. P. et al. (2022) . Expanding UlyssesNER-Br Named Entity Recognition Corpus with Informal User-generated Text. In: European Conference on Artificial Intelligence (EPIA 2022). Proceedings of the EPIA. (Qualis B2)
3. MAIA, Dyonatan. F.; et al. (2022). UlyssesSD-Br: Stance Detection in Brazilian Political Polls. In: European Conference on Artificial Intelligence (EPIA 2022). Proceedings of the EPIA. (Qualis B2)



# Publicações (2022)

4. VITÓRIO, Douglas et al. (2022) Ulysses-RFSQ: a novel method to improve Legal Information Retrieval based on Relevance Feedback. In: 11th Brazilian Conference on Intelligent Systems (BRACIS 2022). Proceedings of the BRACIS. (Qualis A4)
5. COSTA, Marília et. al. No Pattern, No Recognition: a Survey about Reproducibility and Distortion Issues of Text Clustering and Topic Modeling. Preprint.  
[https://www.researchgate.net/publication/362467723\\_No\\_Pattern\\_No\\_Recognition\\_a\\_Survey\\_about\\_Reproducibility\\_and\\_Distortion\\_Issues\\_of\\_Text\\_Clustering\\_and\\_Topic\\_Modeling/stats](https://www.researchgate.net/publication/362467723_No_Pattern_No_Recognition_a_Survey_about_Reproducibility_and_Distortion_Issues_of_Text_Clustering_and_Topic_Modeling/stats)  
(sem Qualis)



# Publicações (2023)

1. ALBUQUERQUE, Hidelberg et al (2023). Named Entity Recognition: a Survey for the Portuguese Language. *Procesamiento del Lenguaje Natural*, [S.l.], v. 70, p. 171-185, mar. 2023. ISSN 1989-7553. Disponível em: <http://journal.sepln.org/sepln/ojs/ojs/index.php/pln/article/view/6488>. (Qualis A1)
2. JÚNIOR. Flávio Rocha et al. (2023) Avaliação de frameworks para Recuperação de Documentos Legislativos: um Estudo de Caso na Câmara dos Deputados Brasileira. WCGE - XI Workshop de Computação Aplicada em Governo Eletrônico - CSBC 2023. (Qualis B4)
3. O. ALBUQUERQUE, Hidelberg et al. (2023) On the Assessment of Deep Learning Models for Named Entity Recognition of Brazilian Legal Documents. 22nd Conference on Artificial Intelligence - EPIA2023. (Qualis B2)



# Submetidos (2023)

1. SIQUEIRA, Felipe et al. (2023) Segmenting Brazilian legislative text using weak supervision and active learning. (Revista AI and Law - Qualis A1)
2. VITÓRIO, Douglas et al. Building a Relevance Feedback corpus for Legal Information Retrieval in the real-case scenario of the Brazilian Chamber of Deputies. (Revista Language Resources and Evaluation - Qualis A1)
3. SIQUEIRA, Felipe et al. Ulysses Tesemão: a new Large Corpus for Brazilian Legal Domain. (Revista Language Resources and Evaluation - Qualis A1)





# Submetidos (2023)

4. PRESSATO, Diany et al. Natural Language Processing Application in Legislative Activity: a Case Study of Similar Amendments in the Brazilian Senate. (STIL - Qualis B1)
5. SOUZA, Ellen et al. Assessing the Impact of Stemming Algorithms Applied to Brazilian Legislative Documents Retrieval. (STIL - Qualis B1)
6. CERQUEIRA, Matheus et al. Comparison of Topic Models Approaches applied to Brazilian Portuguese Legal Domain. (ICTAI - Qualis A3)
7. LegalSum: a Tool for Evaluation of Machine Learning Algorithms for Extractive Summarization of Brazilian Lawsuits (ICTAI - Qualis A3)

# Números

Equipe	
Pos-doc	04
Doutorado	04
Mestrado	04
TCC	04
IC	16
Docentes	03
<b>TOTAL</b>	<b>35</b>

Artigos	
Revista A1	01
Evento A4	03
Evento B1	02
Evento B2	03
Evento B4	01
Sem qualis	01
<b>TOTAL</b>	<b>11</b>
Submetidos 2023	07



# Agenda

Horário	Título	Apresentador
09:10 - 09:30	Abertura	Prof. André, Profa. Nádia e Profa. Ellen
09:30 - 09:50	UlyssesTesemão	Felipe Siqueira
09:50 - 10:10	UlyssesSegmenter	Felipe Siqueira
10:10 - 10:30	UlyssesDocumentComparer	Douglas Vitório
10:30 - 10:50	UlyssesNER-Br ExpandQuery	Hidelberg O. Albuquerque
10:50 - 11:00	Intervalo	

# Agenda



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Horário	Título	Apresentador
11:00 - 11:20	UlyssesAmendmentComparer	Diany Pressato
11:20 - 11:40	UlyssesSentenceModels	Felipe Siqueira
11:40 - 12:00	Map2Doc	Felipe Siqueira
12:00 - 12:20	<i>ClusterComments</i>	<i>Matheus Henrique</i>
12:20 - 12:40	<i>UlyssesSummarizer</i>	<i>Fabíola Pereira</i>
12:40 - 13:00	Encerramento	



# Agenda

15 de minutos de apresentação +  
5 minutos para perguntas

Vamos usar o chat para perguntas

## Obrigado!