

SEMAPRO 2024

The Eighteenth International Conference on Advances in Semantic Processing

September 29 - October 03, 2024 Venice, Italy

SEMAPRO 2024 Editors

Shin-ichi Ohnishi, Hokkai-Gakuen University, Japan José Miguel Jiménez, Universitat Politecnica de Valencia, Spain

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571

Some format issues inheren	nt in the e-media	version may also	annear in this print versi	on.
Donie Torniae issues innere.	it iii tiic c iiicaia	TOISION MING	appear in this print (croi	

Copyright© (2024) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed with permission by Curran Associates, Inc. (2024)

International Academy, Research, and Industry Association (IARIA) 412 Derby Way Wilmington, DE 19810

Phone: (408) 893-6407 Fax: (408) 527-6351

petre@iaria.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA

Phone: 845-758-0400 Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

Table of Contents

A Semantic Data Model of Harmonized Survey on Households Living Standards		
Marc Mfoutou Moukala, Macaire Ngomo, and Regis Freguin Babindamana		
An Architecture for Ontology-based Semantic Reasoning Using LLMs in Healthcare Domain	8	
Muge Olucoglu and Okan Bursa		