Computer Cooking Contest

Workshop at the
Twenty-Fourth International Conference on
Case-Based Reasoning
(ICCBR 2016)
Atlanta, Georgia, USA
October 2016

Nadia A Najjar and David C Wilson (Editors)
Chairs

Nadia A Najjar  
University of North Carolina at Charlotte (UNCC),  
USA

David C Wilson  
University of North Carolina at Charlotte (UNCC),  
USA

Program Committee

David Aha  
Naval Research Laboratory, USA

Klaus-Dieter Althoff  
DFKI / University of Hildesheim, Germany

Ralph Bergmann  
University of Trier, Germany)

Isabelle Bichindaritz  
State University of New York at Oswego, USA

Kazjon Grace  
University of North Carolina at Charlotte, USA

Ichiro Ide  
Nagoya University, Japan

Luc Lamontagne  
Universit Laval, Canada

David Leake  
Indiana University, USA

Santiago Ontanon  
Drexel University, USA
Preface

The Computer Cooking Contest aims to attract people working with AI technologies such as case-based reasoning, semantic technologies, search, and information extraction. Also, cooking is fun, particularly when using a computer to design the menu. Since everybody knows something about cooking, people will be curious about how well a computer can cook. Finally, we have all noticed the public’s increasing interest in cooking, motivated by the growing awareness that good food is mandatory for good health. Hence, the Computer Cooking Contest provides an opportunity for researchers to explain the benefits of their technologies to everyone.

We are happy to present the contributions of one team that has been accepted to the Computer Cooking Contest 2016. The Computer Cooking Contest (CCC) is an open competition. All individuals (e.g., students, professionals), research groups, and others are invited to submit software that creates recipes. The primary knowledge source is a database of basic recipes from which appropriate recipes can be selected, modified, or even combined. The queries to the system will include the desired and undesired ingredients. For most of the queries there is no single correct or best answer. That is, many different solutions are possible, depending on the creativity of the software. There is no restriction on the technology that may be used; all are welcome.

The 9th Computer Cooking Contest will be held in conjunction with the 2016 International Conference on Case-Based Reasoning in Atlanta, Georgia, USA. A web site with detailed information is online at: https://computercookingcontest.wordpress.com.

The challenge for this year is an open challenge on adapting cooking recipes. In this challenge, contributors may propose whatever they want about the retrieval, adaptation and creativity of cooking recipes, e.g. workflow adaptation, text adaptation, community-based adaptation, recipes combination, explanations, similarity computation, recipe personalized recommendation, etc. The evaluation will take into account the originality aspect and the scientific aspect of the work. A running system implementing the work is optional.

Atlanta, GA, USA
October 2016

Nadia A Najjar
David C Wilson