Awards

1. TS – Technical Sessions

1.1. CV/IP – Computer Vision and Image Processing

**BEST PAPER**
Unsupervised Similarity Learning through Cartesian Product of Ranking References for Image Retrieval Tasks
*Lucas Valem (UNESP-Rio Claro), Daniel Pedronette (UNESP-Rio Claro)*

**HONORABLE MENTION**
Fast Saliency Detection Using Sparse Random Color Samples and Joint Upsampling
*Maiko Min Ian Lie (UTFPR), Gustavo Borba (UTFPR), Hugo Vieira Neto (UTFPR), Humberto Gamba (UTFPR)*

1.2. CG – Computer Graphics

**BEST PAPER**
Estimating Affine-Invariant Structures on Triangle Meshes
*Thales Vieira (UFAL), Dimas Martinez (UFAM), Maria Andrade (UFS), Thomas Lewiner (École Polytechnique)*

**HONORABLE MENTION**
Graph-based Interactive Volume Exploration
*Daniel P. Barboza (UFRJ), Marcos S. Araujo (UFRJ), Ricardo Marroquim (UFRJ)*

**HONORABLE MENTION**
Understanding Attribute Variability in Multidimensional Projections
*Lucas Pagliosa (ICMC-USP), Paulo Pagliosa (UFMS), Luis Gustavo Nonato (ICMC-USP)*

2. WTD – Workshop of Theses and Dissertations

2.1. Ph.D. Category

**FIRST PLACE**
Interactive Segmentation of Objects in Images and Videos using Graphs and Fuzzy Models of Content Knowledge
*Thiago Vallin Spina (IC-UNICAMP), Alexandre Falcão (IC-UNICAMP)*
HONORABLE MENTION
Contributions to the Automatic Restoration of Images from Scenes in Participating Media
Paulo Drews Jr. (UFMG), Erickson Nascimento (UFMG), Mario Campos (UFMG)

2.2. M.Sc. Category

FIRST PLACE
Vehicle Speed Estimation by License Plate Detection and Tracking
Diogo Luvizon (UTFPR), Bogdan Nassu (UTFPR), Rodrigo Minetto (UTFPR)

HONORABLE MENTION
Support Model for Navigation on Sidewalks for Visually Impaired Persons
Marcelo Cabral Ghilardi (PUCRS), Isabel Harb Manssour (PUCRS)

3. WUW – Workshop of Undergraduate Works

FIRST PLACE
High Dynamic Range Tone Mapping Algorithm Based on Image Feature Maps
Matheus dos Santos (UnB), Mylène Farias (UnB)

HONORABLE MENTION
Automatic Detection of Tactile Paving Surfaces in Indoor Environments
Daniel Einloft (PUCRS), Marcelo Ghilardi (PUCRS), Isabel Manssour (PUCRS)

4. WIP – Workshop of Works in Progress

FIRST PLACE
Digital Inpainting with SPH Method
Fernando Mazzini (IMPA), Fabiano Petronetto (UFES)

HONORABLE MENTION
Contextual Description of Superpixels for Aerial Urban Scenes Classification
Tiago Santana (DCC-UFMG), Alexei Machado (PUC-Minas), Jefersson dos Santos (DCC-UFMG)

HONORABLE MENTION
Hybrid Animation with Spatial Keyframes and Motion Capture
Bernardo Costa (UFRJ), Claudio Esperança (UFRJ)

5. WIA – Workshop on Industry Applications

BEST PAPER
Organizing Images from Social Media to Monitor Real-World Events
Paulo Cavalin (IBM Research), Flavio Figueiredo (IBM Research), Maira de Bayser (IBM Research), Claudio Pinhanez (IBM Research)