**Conclusion of 2012-2013 Tooling Challenge**

The HL7 Tooling Work Group is pleased to announce the conclusion of its 2012-2013 Tooling Challenge, the first in a planned series of annual challenges sponsored by Sparx Systems. The challenge this year was to produce a UML profile for HL7's Model Interchange Format (MIF) static models. The goal of this challenge is to enable commercial UML modeling tools to work with HL7 static models, which have features that extend the standard UML expressions.

To qualify, submitters were required to:

* Create a UML profile using Enterprise Architect that correctly describes MIF static models to the extent allowed by the UML language.
* Document parts of MIF static models that were not or could not be expressed in UML Profile Language.
* Use the submitted UML profile to adapt Sparx System’s Enterprise Architect to express a proper HL7 static model as a proof of concept.

The Tooling Work Group thanks each of the submitters for their participation in this year’s challenge. Three submissions were received and evaluated. Each submission demonstrated considerable effort to meet the goals of the challenge. Criteria used to determine the winning submission included:

* Assessment of the profile as a valid UML profiles as defined by the OMG
* Assessment of the validity and degree with which the profile represents MIF static model constructs
* The ability to utilize the profile in Enterprise Architect to construct valid HL7 static models as defined in MIF
* The thoroughness of the profile documentation and the ability for HL7 V3 newcomers to understand and apply
* Assessment of the extensibility of the profile and its agility with regard to changes in the methodology

Tough criteria with three viable submissions; in the end the submission deemed to best meet the goals of the challenge in accordance with the evaluation criteria is the submission from **Antonio Villegas, PhD and Antoni Olivé, Professor** from Universitat Politècnica de Catalunya BarcelonaTech (UPC BarcelonaTech).

The HL7 Tooling Committee extends congratulation to Antonio Villegas and Antoni Olivé; winners of the 2012-2013 tooling challenge. We also want to thank all submitters for their contribution and Sparks Systems for their sponsorship.