

# The AMPS Insider

An AMPS LLC Magazine

The AMPS Insider is a quarterly magazine dedicated to all AMPS' partners and customers. Published by AMPS, it provides news and information about AMPS' products and initiatives.

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## Executive Overview

Data interoperability for ambulatory monitoring of cardiovascular disease: a scientific statement from the American Heart Association. The ISCE 48<sup>th</sup> Annual Conference.

## Editorial

In this issue of TAI we would like to raise the attention to an important AHA Statement paper that was published last June in the *Circulation: Genomic and Precision Medicine* journal, by a working group led by Dr. Armondas (Harvard Medical School) and Rohan Khera (Yale School of Medicine). The paper reports the importance of data interoperability with modern multivariate types of ambulatory devices employed for the monitoring of cardiovascular disease and highlights a dire need for better communication protocols, providing a comprehensive overview of current workflows gaps. The manuscript opens the door and revamp two of AMPS critical concepts and products: 1) the need of a universal data format for the exchange of cardiovascular waveform data and 2) the importance of software devices capable to seamlessly process all the variegated signals acquired with different devices. On the first point, we continue to promote and develop technology based on the PDF-ECG format (1) whereas on the second our multi-vendor CER-S product is the perfect answer to the gaps and issues raised in the statement paper. We recommend [this manuscript](#), which we are sure will be enjoyed by our technical readers.

## Products News

The team has finalized:

- ✓ CER-S 4.7.0 and planning for CER-S 4.8.0 (mainly graphical improvements). With Version 4.7.0 it is possible to select 2 different modalities of the graphical user interface: a new simplified user-friendly mode, or the full-fledged and more complex all-features mode.

- ✓ CalECG 4.2.0
- ✓ the installing procedures for CER-SCor on AWS clients.

## Looking forward

As we announced in the last TAI issue the ISCE 2025 conference will take place, for the first time ever, in Italy, on the beautiful south east shore of the Garda Lake, in the well-known village of Bardolino from Sunday March 23<sup>rd</sup> welcome reception through the night of Wednesday March 26<sup>th</sup> with the traditional Gala dinner. Here is the announcement from the organizing meeting:

We are excited to announce that, starting October 1st, the Early Bird registration and Abstract Submission will formally open on the ISCE website [www.isce.org](http://www.isce.org).

**VERY IMPORTANT** - Due to the earlier occurrence of the conference the deadlines are also earlier: the abstract submission window, including those for Early Career competition, will close on **November 1<sup>st</sup>** and the Early Bird registration will end **December 2<sup>nd</sup>, 2024**.

Based on early feedback and interest we have received, and because of the special venue, we expect a larger than usual attendance. While this is certainly a good prospect, and while the rooms reserved with the Hotel can accommodate a significantly larger number of attendees compared to recent years, we may have to close the registration process when the maximum number of available registrations will be reached (about 160 attendees, including guests).

We therefore invite everyone to register as soon as possible. Cancellation will be possible until December 31<sup>st</sup>. All additional information will be posted on our website by October 1st. We — the conference chair Mary Carey and myself, your President are available to answer any questions related to the meeting.

We are pleased to offer you the magazine free of charge. Feel free to download an article, or even an entire issue. These are available in PDF format for your convenience. All the articles are copyrighted, so we ask that you not publish or distribute for profit any of the articles without express written permission from AMPS.

We are working on the scientific program, and an early draft will be announced in November. We can already anticipate that there will be a tutorial and a dedicated session focused on Artificial Intelligence in cardiology. We can also confirm a session dedicated to pediatric electrocardiology, and a debate on the different perspectives of European and US medical devices procedures, with the presence of regulators from both sides. We will also continue the Jeopardy tradition, although with different and exciting changes to the format.

Last, in early October we will organize an informal WebEx providing travel and logistics tips for the international travelers interested in some sightseeing in the Lake region and in the surrounding area.

Looking forward to a great meeting we send you all our best regards.

*Fabio Badilini*

ISCE President

*Mary Carey*

ISCE 2025 Conference Chair

*Claus Graff*

ISCE 2025 Conference Co-Chair



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- ❖ Submission of HL7 FDA xml ecg files to the FDA ECG Warehouse
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