



Project Acronym: Fun-COMP

Project Title: Functionally scaled computing technology: From novel devices to non-von Neumann architectures and algorithms for a connected intelligent world

WP5

Dissemination and Exploitation (WP Leader UOXF)

Deliverable D5.4: Article published in popular scientific/technical magazine/website

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Revision level: Final

Partner(s) responsible: UOXF

Contributors: UNEXE (C D Wright) WWU (W Pernice) UOXF (H Bhaskaran)

Dissemination level: PU¹

¹ CO: Confidential, only for members of the Fun-COMP consortium (including the Commission Services); PU: Public.

Summary

Fun-COMP partners (Wright, Bhaskaran and Pernice) were invited to contribute a review type article covering the work of the project to a special edition of the MRS Bulletin, published in August/September 2019.

The MRS Bulletin is a widely read and popular scientific publication, and by taking up this invitation widespread publicity for, and dissemination of, the activities and achievements of the Fun-COMP project were achieved.

In addition to the published article itself, the Fun-COMP coordinator, C D Wright, contributed to a live online MRS webinar linked to the article, and that was broadcast on 25th September 2019. This boosted dissemination of Fun-COMP activities still further.

The MRS article can be accessed via the weblink

<https://www.cambridge.org/core/journals/mrs-bulletin/issue/phasechange-materials-in-electronics-and-photonics/21F24D64E1977CF685717FAC3B9150CF>

A screenshot of the front page of the article is given below

The screenshot shows the MRS Bulletin article page. At the top, the MRS logo and 'Presented by Cambridge Core' are visible. The navigation bar includes 'Browse subjects', 'What we publish', 'Services', 'About Cambridge Core', 'Access provided by', 'Register', 'Log in', and a 'Cart (0)' button. The breadcrumb navigation shows: Home > Journals > MRS Bulletin > Volume 44 Issue 9: phase-change materials in electronics and photonics > Integrated phase-change photonic... The main title is 'Integrated phase-change photonic devices and systems' by C. David Wright, Harish Bhaskaran, and Wolfram H.P. Pernice. The abstract section features a heatmap image of a photonic device and a detailed text description. The 'Keywords' sidebar lists 'memory', 'phase transformation', and 'nucleation and growth'. At the bottom, there are links for 'View HTML', 'Share content', 'Export citation', and 'Request permission'.

The associated webinar can be accessed via the link

<https://mrs.digitellinc.com/mrs/sessions/31767/view>