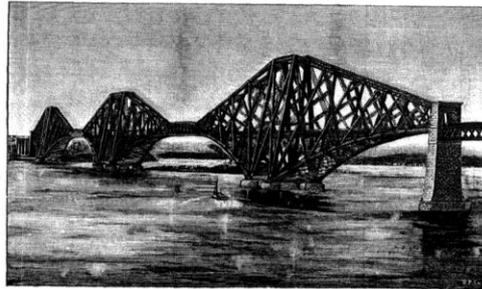


Sir William Arrol, about 36.

APRIL 30, 1897.

THE ENGINEER.

SIR WILLIAM ARROL & CO. LIMITED, DALMARNOCK IRONWORKS, BRIDGETON, GLASGOW.



FORTH BRIDGE.

© Glasgow City Archives

Contractors, Engineers, Bridge Builders, & Designers of Structural Ironwork
Also Makers of **HYDRAULIC PUMPING ENGINES.**
ACCUMULATORS, ARROL'S Patent HYDRAULIC RIVETTING MACHINES.
CRANES, STAMPING PRESSES, etc. etc.

Q34

Renowned Engineer & Bridge Builder Sir William Arrol is Featured in National Science & Engineering Week 2014 : Building Bridges : Rozelle House, Ayr : 22 & 23 March 2014

Friends of Seafield House (FoSH) is pleased to be participating for a second year in South Ayrshire Council's National Science & Engineering Week programme, which takes place at Rozelle House over the weekend of 22 & 23 March 2014. FoSH is contributing a two-cabinet display exhibition on renowned engineer & bridge builder Sir William Arrol (1839-1913) whose home for many years was Seafield House in Ayr. It is fitting that Sir William Arrol is featured in this year's "Building Bridges" programme, given the Scottish Government's recent submission of its bid to UNESCO for World Heritage status for the Forth Rail Bridge, one of Sir William Arrol's construction marvels.

"Building Bridges" is one of two themes that South Ayrshire Council has chosen for its programme in National Science & Engineering Week 2014 under the event title "Steps to Discovery 2014: Bicycles, Bridges and Beyond". Our contribution focuses on three of Sir William's iconic bridges: the Forth Rail Bridge, Middlesborough Transporter Bridge & London Tower Bridge. In partnership with the Meccano Society of Scotland, FoSH is offering bridge building activity and the opportunity to see working scale models of these Arrol bridges made by Meccano Society of Scotland members. FoSH Committee Member Kirsty Menzies has sourced the film "The River is Spanned", a reconstruction of the building of the Forth Rail Bridge using original photographs. Made in 1950, the film is shown by courtesy of filmmaker Harry Birrell & the Scottish Screen Archive. In addition, on Saturday 22 March, Kirsty Menzies will have to view stereoscopic photographs of Arrol Bridges

In all its exhibitions, FoSH seeks to celebrate Sir William Arrol's life at Seafield House in Doonfoot Road, Ayr; his engineering & contracting achievements; & public service as Liberal Member of Parliament (MP) for South Ayrshire (1895-1906). FoSH is delighted that Sir William Arrol was inducted into the Scottish Engineering Hall of Fame in October 2013.

The FoSH two-cabinet display exhibition is researched & written by Rob Close & Brian Williamson with design by Big Blue Dog & production by Owen Kerr Signs. Photographic images are sourced from the Royal Commission on Ancient & Historic Monuments (RCAHMS), Glasgow City Archives & the Carnegie Library's Scottish & Local History Library.

Friends of Seafield House (FoSH) was established in October 2012 to support SAVE Britain's Heritage & others who are working to SAVE Seafield House & find a new use for his magnificent mansion, which has lain empty for many years. For further information, please visit the FoSH website www.friends-of-seafield-house.org.uk contact FoSH on info@friends-of-seafield-house.org.uk. We welcome new members.

"As an Architect, what I most enjoy is how Arrol seems to have calculated how to use the optimum material of the time in an innovative way. I admire how he pushed the technology as far as he could. I enjoy studying his constructions in detail, the Forth Rail Bridge in particular. By the time your eye reaches the end of a cantilever, there is a joy in seeing just what is needed to hold the span bridge in place. Nothing more, nothing less."
Andy McAvoy, Edo Architecture : Friend of Seafield House.