

NEWS RELEASE TO SCHOOLS AND COLLEGES

January 2016

Sixth form Students Celebrate Women in Mathematics

FMSP Wales held a conference on 20th January 2016 at Cardiff University entitled 'Celebrating Women in Mathematics'. This is the first time FMSP Wales have organised an event dedicated to celebrating women who have made significant contributions to Maths, Science and Engineering. The aim was to inspire students to study Maths and Maths related subject beyond A-Level. The conference highlighted both contemporary and historic examples of women who have made great progress in what is sometimes seen as a field dominated by men. There was total of 79 students attending with 100% female attendance. We had students from 6 schools from across Rhondda Cynon Taff, Cardiff, Carmarthenshire, Newport and Torfaen.



The conference was opened by Professor Karen Holford, Pro Vice-Chancellor, College of Physical Sciences & Engineering at Cardiff University “ *I was really thrilled to open the Celebrating Women in Mathematics Conference and to welcome so many young talented students studying Maths to engage in a day of activities to learn more about the exciting world of Maths and the great females role models in this field. One day perhaps, these students will add to the exceptional contributions of mathematicians such as Hypatia, Agnesi and Lovelace and continue with determination to be shining examples of the fact that Maths is definitely not a boys club!*”

The day consisted of four interactive workshops, each student attended two workshops. All of our speakers were female and were from a variety of backgrounds. The titles of the workshops were: Financial Mathematics, Fibonacci sequence, Golden Number and Making Connections. The day was concluded with an end talk, “Hollywood’s hippest mathematics: random matrices and Riemann zeros” which all students attended. The feedback which we received from students and teachers was very positive, with one student commenting “*It was extremely helpful, I would like to attend again.*” The FMSP Wales also held a Celebrating Women in Mathematics Conference in Bangor University in January and another will be held at Swansea University on 15th March during the British Science Week.



DATGANIAD NEWYDDION I YSGOLION A CHOLEGAU

Ionawr 2016

Myfyrwyr chweched dosbarth yn Dathlu Merched mewn Mathemateg

Cynhaliodd FMSP Cymru gynhadledd unigryw ar yr 20fed o Ionawr 2016 ym Mhrifysgol Caerdydd yn dwyn y teitl 'Dathlu Merched mewn Mathemateg'. Dyma'r tro cyntaf i FMSP Cymru drefnu digwyddiad yn ymroi i ddathlu menywod sydd wedi gwneud cyfraniadau sylweddol i Fathemateg, Gwyddoniaeth a Pheirianeg. Nod y gynhadledd oedd ysbrydoli myfyrwyr i astudio Mathemateg a phynciau cysylltiedig y tu hwnt i Safon Uwch. Amlygodd y gynhadledd enghreifftiau cyfoes a hanesyddol o fenywod sydd wedi gwneud cynnydd mawr yn yr hyn a welir weithiau yn cael ei ddominyddu gan ddynion. Cafwyd cyfanswm o 79 o fyfyrwyr yn mynychu gyda 100% ohonynt yn ferched. Cawsom myfyrwyr o 6 o ysgol o bob rhan o Rhondda Cynon Taf, Caerdydd, Sir Gaerfyrddin, Casnewydd a Thorfaen.



Agorwyd y gynhadledd gan yr Athro Karen Holford, Dirprwy Is-Ganghellor Coleg y Gwyddorau Ffisegol a Pheirianeg ym Mhrifysgol Caerdydd *"Roeddwn wrth fy modd agor y Gynhadledd Dathlu Merched mewn Mathemateg ac i groesawu cymaint o fyfyrwyr ifanc talentog sy'n astudio Mathemateg i gymryd rhan mewn diwrnod o weithgareddau i ddysgu mwy am fyfyrwyr cyffrous Mathemateg a esiamplau o ferched gwych yn y maes hwn. Un diwrnod efallai, bydd y myfyrwyr hyn yn ychwanegu at y cyfraniadau eithriadol o fathemategwyr megis Hypatia, Agnesi a Lovelace a pharhau gyda phenderfyniad i fod yn enghreifftiau gwych o'r ffaith nad clwb i fechgyn yw Mathemateg!*

Roedd y diwrnod yn cynnwys pedwar gweithdy rhyngweithiol, gyda phob myfyriwr yn mynychu dau weithdy. Roedd yr holl siaradwyr yn fenywod ac yn dod o gefndiroedd amrywiol. Teitlau'r gweithdai oedd: Mathemateg Ariannol, Dilyniant Fibonacci, Rhif Euraidd a Chreu Cysylltiadau. Daeth y diwrnod i ben gyda sgwrs gloi, "Mathemateg ffasiynol Hollywood: matricesau ar hap a seroau Riemann" gyda phob myfyriwr yn mynychu. Roedd yr adborth gan fyfyrwyr ac athrawon yn gadarnhaol iawn, gydag un myfyriwr yn dweud "Roedd yn hynod ddefnyddiol, hoffwn fynychu eto." Cynhaliodd FMSP Gynhadledd Dathlu Merched mewn Mathemateg ym Mhrifysgol Bangor ym mis Ionawr hefyd a bydd un arall yn cael ei gynnal ym Mhrifysgol Abertawe mis Mawrth yn ystod Wythnos Wyddoniaeth Prydain.

