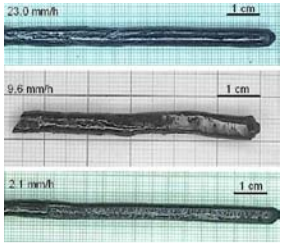
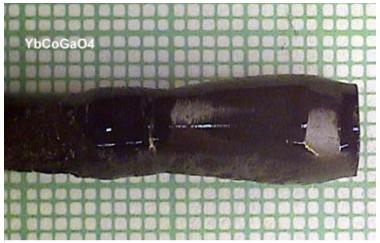
Crystallization by the Floating Zone Technique – Some students involved have been acknowledged

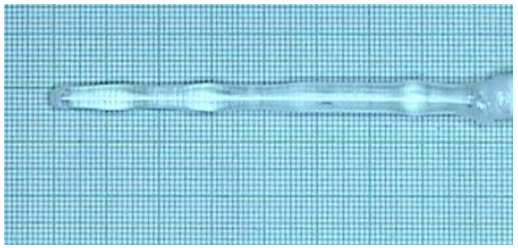
Galates



$LuCoGaO_4$ Hilary Noad



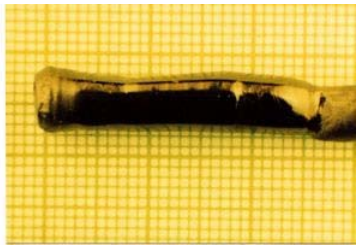
$YbCoGaO_4$



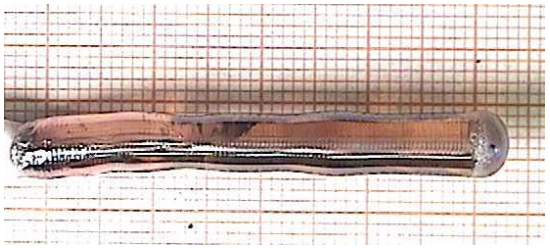
$Yb_3Ga_5O_{12}$ Casey Marjerrison & Alison Kinross

Titanates

TiO_2

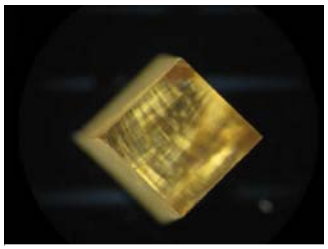


$CoTiO_3$

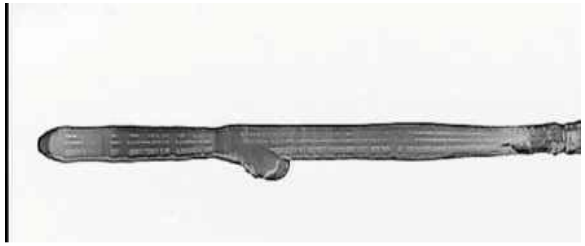


$Y_2Ti_2O_7$

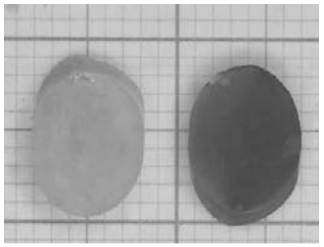
$Y_2Ti_2O_7$



$Y_2Ti_2O_7$

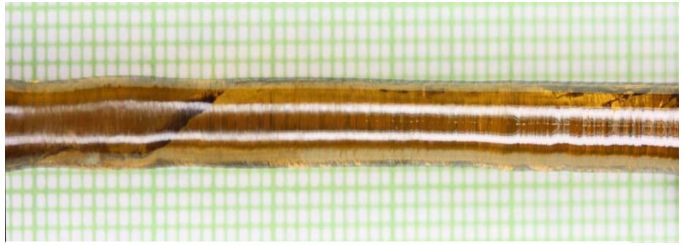


$Dy_2Ti_2O_7$ Kate Ross

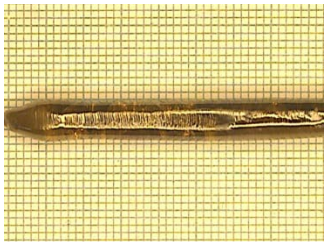


$Dy_2Ti_2O_7$

$Ho_2Ti_2O_7$ Tim Munsie



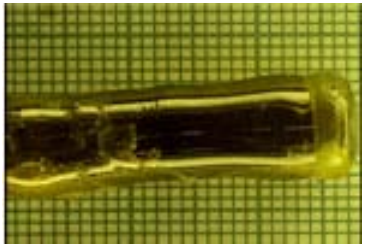
$Ho_2Ti_2O_7$ - Tim Munsie



$Ho_2Ti_2O_7$ – Jacob Ruff

$Ho_2Ti_2O_7$ - Transparent

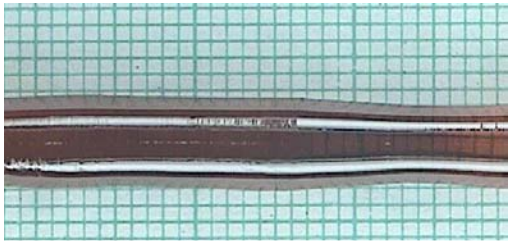
$Ho_2Ti_2O_7$ - Transparent



$Er_2Ti_2O_7$

$Er_2Ti_2O_7$

$Er_2Ti_2O_7$ - Slice



$(Er_{0.95.}Y_{0.05})\ _2Ti_2O_7$

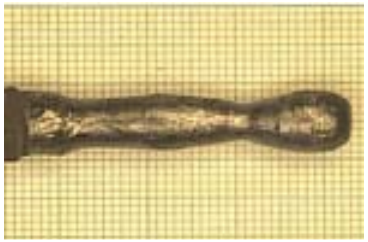
$(Er_{0.95.}Y_{0.05})\ _2Ti_2O_7$ Patrick Murray

$(Er_{0.95.}Y_{0.05})\ _2Ti_2O_7$ Patrick Murray

$Tb_2Ti_2O_7$ – Kate Ross & Jacob Ruff

$Tb_2Ti_2O_7$ – Samples – Jacob Ruff

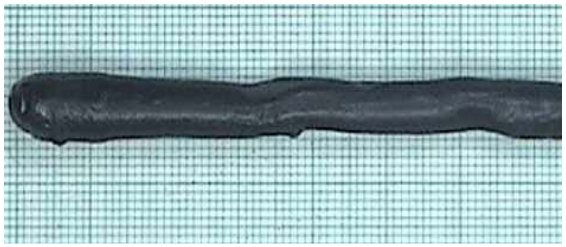
$MgTi_4+_3Ti+_4O_9$



$CaCu_3Ti_4O_{12}$

$NdxTiO_3$ - Missing

Chromates

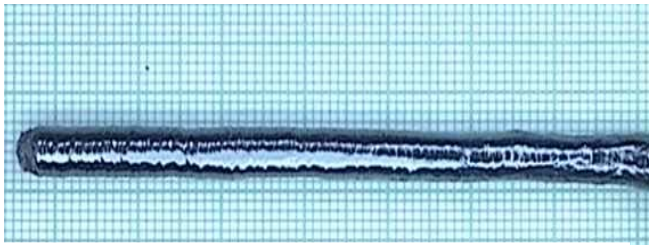


$Ba_3Cr^{+5}{}_2O_8$ Adam Aczel & Sarah Selesnic

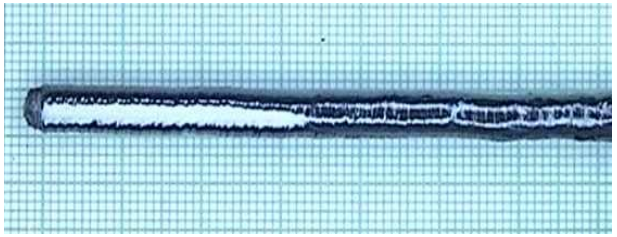
$Sr_3Cr^{+5}{}_2O_8$ Adam Aczel & Sarah Selesnic

$Sr_3Cr^{+5}{}_2O_8$ Adam Aczel & Sarah Selesnic

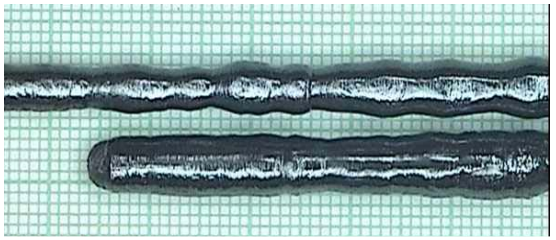
Cobaltites



$CoNb_2O_6$ Alison Kinross



$CoNb_2O_6$ Alison Kinross

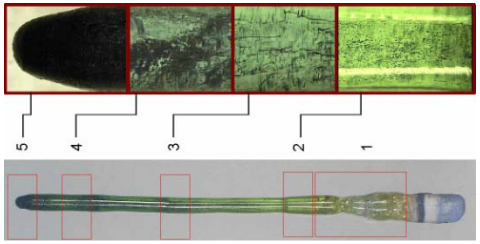


$CoNb_2O_6$ – two crystals Alison Kinross

18

$Co_2V_2O_8$: Mg - Katarina Frish & Mameth R…..

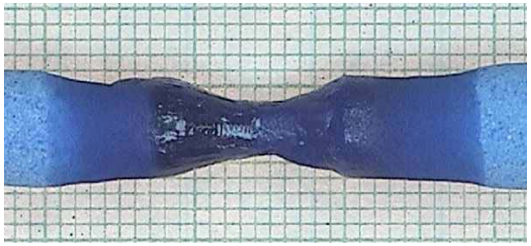
Aluminates



Al_2O_3 green

Al_2O_3 pink

Al_2O_3 blue



$MgAl_2O_4$ - Frozen Zone – Hilary Noad, Patrick Murray & Sarah Selesnic

Borates

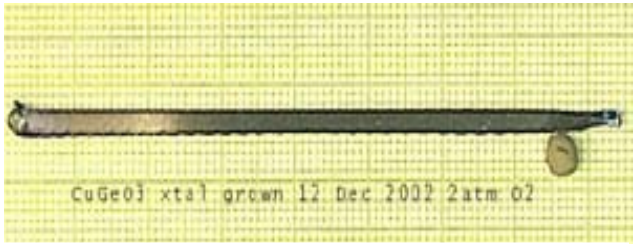
$SrCu_2(BO_3)_2$ rods – Sarah Haravifarad

$SrCu_2(BO_3)_2$

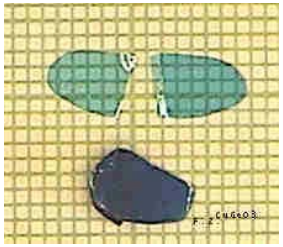
$SrCu_2(BO_3)_2$ cleaved

$Sr_2Cu(B^{11}O_3)_2$

Germanates



$GuGeO_3$



$CuGeO_3$ cleaved

Vanadates

$Lu_2V+_{42}O_7$ Casey Marjerrison

$LuVO_4$ - Missing

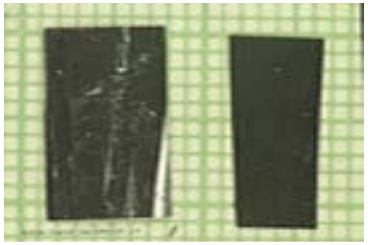
Silicates

$BaCuSi_2O_6$

Mg_2SiO_4 - Missing

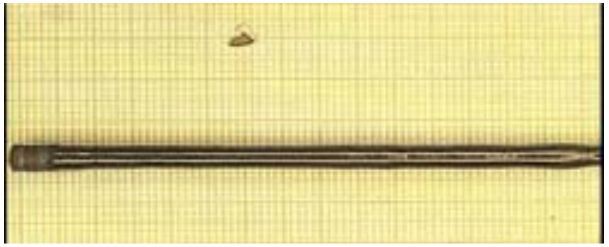
Cuprates

$Bi_2Sr_2CaCu_3On$

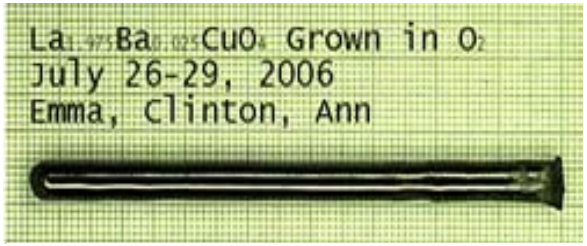


$Bi_2Sr_2CaCu_3On$

La_2CuO_4



$La_{1.89}BaO_{.11}CuO_4$



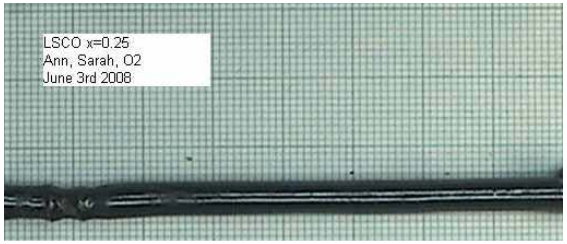
$La_{1.975}Ba_{0.025}CuO_4$ Emma Mazurek, Clinton Kuch & Ann Kalin

$La_{1.975}Ba_{0.025}CuO_4$ Yang Zhao

$La_{1.925}Ba_{0.075}CuO_4$ - Pat Clancy

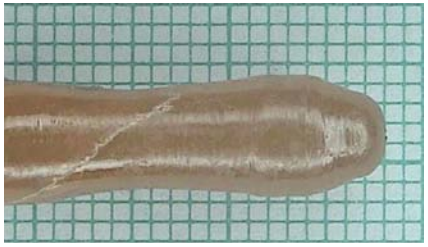
$La_{1.994}Sr_{0.06}CuO_4$

$La_{1.97}Sr_{0.3}CuO_4$

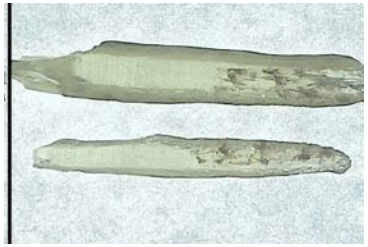


$La_{1.75}Sr_{0.25}CuO_4$ – Ann Kalin & Sarah Dunsiger

Rare Earths Compounds



$SrHo_2O_4$ - Hilary Noad & Andrea Bianchi



$SrRE_2O_4$