

NAMING THE TRANSURANIUM ELEMENTS

| Atomic number | Systematic name | Symbol | Final name 1997 | Symbol |
|---------------|-----------------|--------|-----------------|--------|
| 101 | unnilunium | Unu | mendelevium | Md |
| 102 | unnilbium | Unb | nobelium | No |
| 103 | unniltrium | Unt | lawrencium | Lr |
| 104 | unnilquadium | Unq | rutherfordium | Rf |
| 105 | unnilpentium | Unp | dubnium | Db |
| 106 | unnilhexium | Unh | seaborgium | Sg |
| 107 | unnilseptium | Uns | bohrium | Bh |
| 108 | unniloctium | Uno | hassium | Hs |
| 109 | unnilennium | Une | meitnerium | Mt |

During Spring 2003 no. 110 (ununnium) it has been suggested by IUPAC to name it **darmstadtium**, with the symbol **Ds**. The suggestion is based on previous principles: when there are no obvious person to honour by a name of an element, the name of the place where the element was discovered is taken into consideration.

Think of Cf and Bk and no. 105 from the laboratory in Dubna (Russia)

Suggest which town housed the university laboratory in which element no. 110 was discovered!

During Spring 2005 the element no.111 (ununium) has been suggested to be named **roentgenium**, with symbol **Rg** - who is to be honoured?

Likewise an ancient scientist was honoured by naming element no, 112

(ununium) **copernicium** with the symbol **Cn** in 2010. Who was the scientist in this case?