

# Designed for Science

COMPLEX IDEAS  
IN CLEAR FOCUS

February 11 2019 at 3.30 p.m.  
Room XIV, Palais des Nations

## Presentations by:

**Helen Arney,**  
*Science Presenter and Geek Songstress  
with Festival of the Spoken Nerd*

**Dr. Muhammad Atiyat,**  
*Statistician, UNOG*

**Prof. Clémence Corminboeuf,**  
*Laboratory for Computational Molecular Design,  
Institute of Chemical Sciences and Engineering, EPFL*

**Dr. Claire Lee,**  
*Brookhaven National Laboratory/CERN*

**Lisa Charlotte Rost,**  
*Dataviz Designer at Datawrapper*

## Networking event

Register here:  
<https://reg.unog.ch/event/28009/>



1 IA <b>H</b> Hydrogen 1.008	2 IIA <b>He</b> Helium 4.002602																						
3 <b>Li</b> Lithium 6.94	4 IIA <b>Be</b> Beryllium 9.0121831																	5 IIIA <b>B</b> Boron 10.81	6 IVA <b>C</b> Carbon 12.011	7 VA <b>N</b> Nitrogen 14.007	8 VIA <b>O</b> Oxygen 15.999	9 VIIA <b>F</b> Fluorine 18.998403163	10 VIIIA <b>Ne</b> Neon 20.1797
11 <b>Na</b> Sodium 22.98976928	12 IIA <b>Mg</b> Magnesium 24.305	13 IIIA <b>Al</b> Aluminum 26.9815385	14 IIIA <b>Si</b> Silicon 28.085	15 VA <b>P</b> Phosphorus 30.973761998	16 VIA <b>S</b> Sulfur 32.06	17 VIIA <b>Cl</b> Chlorine 35.45	18 VIIIA <b>Ar</b> Argon 39.948																
19 <b>K</b> Potassium 39.0983	20 IIA <b>Ca</b> Calcium 40.078	21 IIIB <b>Sc</b> Scandium 44.955908	22 IVB <b>Ti</b> Titanium 47.887	23 VB <b>V</b> Vanadium 50.9419	24 VIB <b>Cr</b> Chromium 51.9961	25 VIIB <b>Mn</b> Manganese 54.938044	26 VIIIB <b>Fe</b> Iron 55.845	27 VIIIB <b>Co</b> Cobalt 58.933194	28 VIIIB <b>Ni</b> Nickel 58.9334	29 IIB <b>Cu</b> Copper 63.546	30 IIB <b>Zn</b> Zinc 65.38	31 IIIB <b>Ga</b> Gallium 69.723	32 IIIB <b>Ge</b> Germanium 72.630	33 IIIB <b>As</b> Arsenic 74.921595	34 IIIB <b>Se</b> Selenium 78.971	35 IIIB <b>Br</b> Bromine 79.904	36 IIIB <b>Kr</b> Krypton 83.798						
37 <b>Rb</b> Rubidium 85.4678	38 IIA <b>Sr</b> Strontium 87.62	39 IIIB <b>Y</b> Yttrium 88.90584	40 IVB <b>Zr</b> Zirconium 91.224	41 VB <b>Nb</b> Niobium 92.90637	42 VIB <b>Mo</b> Molybdenum 95.95	43 VIIB <b>Tc</b> Technetium (98)	44 VIIIB <b>Ru</b> Ruthenium 101.07	45 VIIIB <b>Rh</b> Rhodium 102.90550	46 VIIIB <b>Pd</b> Palladium 106.42	47 IIB <b>Ag</b> Silver 107.8682	48 IIB <b>Cd</b> Cadmium 112.414	49 IIIB <b>In</b> Indium 114.818	50 IIIB <b>Sn</b> Tin 118.710	51 IIIB <b>Sb</b> Antimony 121.760	52 IIIB <b>Te</b> Tellurium 127.60	53 IIIB <b>I</b> Iodine 126.90447	54 IIIB <b>Xe</b> Xenon 131.293						
55 <b>Cs</b> Cesium 132.90545196	56 IIA <b>Ba</b> Barium 137.327	57-71 Lanthanoids	72 IVB <b>Hf</b> Hafnium 178.49	73 VB <b>Ta</b> Tantalum 180.94788	74 VIB <b>W</b> Tungsten 183.84	75 VIIB <b>Re</b> Rhenium 186.207	76 VIIIB <b>Os</b> Osmium 190.23	77 VIIIB <b>Ir</b> Iridium 192.222	78 VIIIB <b>Pt</b> Platinum 195.084	79 IIB <b>Au</b> Gold 196.966569	80 IIB <b>Hg</b> Mercury 200.592	81 IIIB <b>Tl</b> Thallium 204.38	82 IIIB <b>Pb</b> Lead 207.2	83 IIIB <b>Bi</b> Bismuth 208.98040	84 IIIB <b>Po</b> Polonium (209)	85 IIIB <b>At</b> Astatine (210)	86 IIIB <b>Rn</b> Radon (222)						
87 <b>Fr</b> Francium (223)	88 IIA <b>Ra</b> Radium (226)	89-103 Actinoids	104 IVB <b>Rf</b> Rutherfordium (261)	105 VB <b>Db</b> Dubnium (268)	106 VIB <b>Sg</b> Seaborgium (266)	107 VIIB <b>Bh</b> Bohrium (270)	108 VIIIB <b>Hs</b> Hassium (285)	109 VIIIB <b>Mt</b> Meitnerium (276)	110 VIIIB <b>Ds</b> Darmstadtium (281)	111 IIB <b>Rg</b> Roentgenium (282)	112 IIB <b>Cn</b> Copernicium (284)	113 IIIB <b>Nh</b> Nihonium (286)	114 IIIB <b>Fl</b> Flerovium (289)	115 IIIB <b>Mc</b> Moscovium (288)	116 IIIB <b>Lv</b> Livermorium (293)	117 IIIB <b>Ts</b> Tennessine (294)	118 IIIB <b>Og</b> Oganesson (294)						
57 <b>La</b> Lanthanum 138.90547	58 <b>Ce</b> Cerium 140.116	59 <b>Pr</b> Praseodymium 140.90766	60 <b>Nd</b> Neodymium 144.242	61 <b>Pm</b> Promethium (145)	62 <b>Sm</b> Samarium 150.36	63 <b>Eu</b> Europium 151.964	64 <b>Gd</b> Gadolinium 157.25	65 <b>Tb</b> Terbium 158.92535	66 <b>Dy</b> Dysprosium 162.500	67 <b>Ho</b> Holmium 164.93033	68 <b>Er</b> Erbium 167.259	69 <b>Tm</b> Thulium 168.93422	70 <b>Yb</b> Ytterbium 173.045	71 <b>Lu</b> Lutetium 174.9668									
89 <b>Ac</b> Actinium (227)	90 <b>Th</b> Thorium 232.0377	91 <b>Pa</b> Protactinium 231.03688	92 <b>U</b> Uranium 238.02891	93 <b>Np</b> Neptunium (237)	94 <b>Pu</b> Plutonium (244)	95 <b>Am</b> Americium (243)	96 <b>Cm</b> Curium (247)	97 <b>Bk</b> Berkelium (247)	98 <b>Cf</b> Californium (251)	99 <b>Es</b> Einsteinium (252)	100 <b>Fm</b> Fermium (257)	101 <b>Md</b> Mendelevium (258)	102 <b>No</b> Nobelium (259)	103 <b>Lr</b> Lawrencium (260)									

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