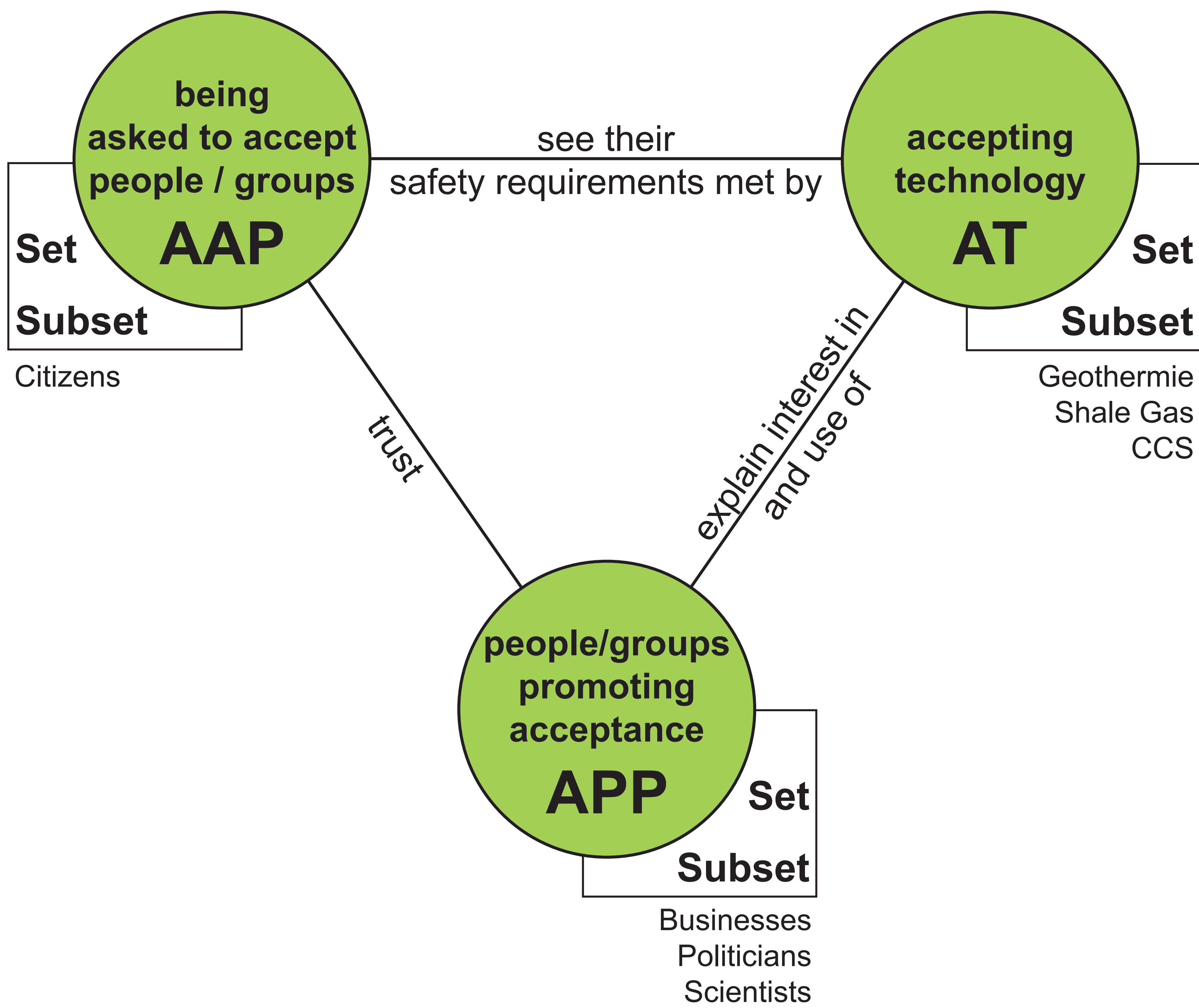


Acceptance Research with Logical Relations and Pragma-Dialectics

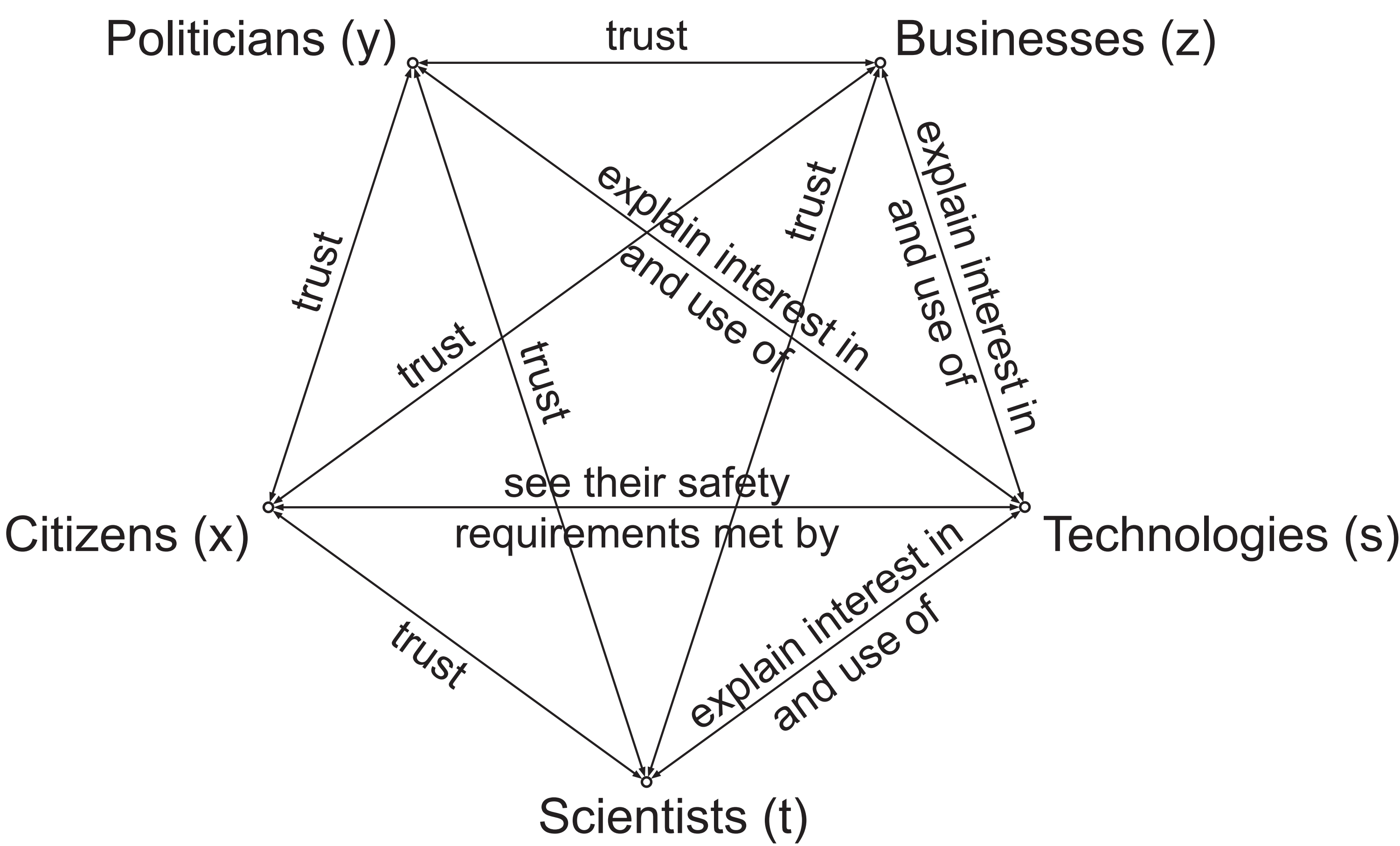
Department of Philosophy of Technology, Dr. phil. Mario Harz, Anton Vesper MA, Dipl.-Ing. Christian Trunte



Acceptance of technology as a three-place relation



Acceptance of technology as a five-place relation



Acceptance of technology as an n-place relation

$$R_n^k = \binom{n}{k} = \frac{n \cdot (n-1) \cdot (n-2) \cdot \dots \cdot (n-(k-1))}{1 \cdot 2 \cdot 3 \cdot \dots \cdot k} \quad (n \geq k)$$

$$R_{(x,y)} = R_2^1[x][y]$$

$$R_{(x,y,z)} = R_3^1[x][y][z] \wedge R_3^2[x,y][x,z][y,z] \quad (\text{Partialrelations})$$

$$R_{(x,y,z,t)} = R_4^1 \wedge R_6^2 \wedge R_4^3$$

$$R_{(x,y,z,t,s)} = R_5^1 \wedge R_{10}^2 \wedge R_{10}^3 \wedge R_5^4$$

Acceptance of technology as: Acceptance of a **standpoint** dealing with the technology

