

Alexander Paseau (Oxford), *Scientific and Mathematical Epistemology: Blurring the Boundaries*

My talk will review three recent developments in epistemology of mathematics and related areas. They each have the tendency to assimilate mathematical knowledge to scientific knowledge. The first development, in the psychology of mathematics, suggests that some elementary arithmetical claims may be observational. The second concerns recent work on the a priori, according to which differences between the a priori and a posteriori are shallow. The third consists of recent work on the scope and viability of non-deductive knowledge of mathematics.