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The purpose of the visit was to work with Menachem Magidor, who was a guest of Boban Velickovic at that time, on our joint paper, written with Jouko Väänänen. During the visit we worked every day, spending many hours at the blackboard making good progress on the project.

Our paper approaches set-theoretic definability from a logical point of view, and has to do with Gödel's aspirations regarding "informal rigor." Historically, the informal rigor point of view has aimed to delineate the presence of logical methods in mathematics, and then attempt to recover a decision procedure for mathematics that lies beyond the reach of such methods; to formulate a set of principles which is exact enough to encompass all of mathematical reasoning, but informal. In spite of an almost century long development of foundations, there is less and less reason to expect a full, formal account of mathematical reasoning. There is also the question of *faithfulness*, namely, the realization that there is always a gap between our intuitions and their formal "counterparts". That our axiomatizations often turn out to be non-categorical worsens the problem. Formalism freeness is manifest in the distinction between the so-called axiomatic method and the method of formal systems. For example, Euclidean geometry was given initially as an axiomatic system, but it was not formalized until Hilbert's 1899 work. Our suggestion, inspired by Gödel's 1946 Princeton Bicentennial Address, is to think of indifferentism, or formalism freeness, as the simple preference for semantic methods, that is, methods which do not require the specification of a logic.

During the visit we worked on various strong logics, for example that obtained from the equicardinality quantifier, obtaining new results on the related inner models and large cardinals. The results are being prepared for publication, of which more than half has been written already. Part of the visit was spent in discussion on the relation between second order logic and set theory with Boban Velickovic and with the philosophers from the "Ideals of Proof" project headed by Mic Detlefsen.