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## From Permissions to Obligations and Beyond: An Editorial

Exercising one's rights, or acting on one's permission can generate obligations for others. Contract law and international law provide examples. Debtors are obligated to comply when their creditors exercise their right to request payment. Free trade agreements place their signatories under the obligation not to pass protectionist regulations. A similar phenomenon holds for permissions stemming from morality or rationality. Others ought not to infringe my right to dignity. In negotiation, one party making a permissible offer might put the other under the (rational) obligation to accept it. When exactly, then, do permissions and rights generate obligations? Is there a general structure common to these examples? How are such obligations distributed between the parties involved, be they individual or institutional actors? Are the generated obligations strict or could they be overridden, even when they stem from inalienable rights?

These are fundamental questions regarding the dynamic and social or multiagent aspects of obligations, permissions, and rights. Deontic logic, viz. the logical study of obligations and permissions, has long been concerned with the relation between permissions and obligations. Usually, however, the relation is understood the other way around. Obligations imply permissions, or permissions constrain the promulgation of further obligations. However, the dynamic generation of obligations by rights and permissions has received comparatively little attention.

These questions were the inspiration behind the 3-years PIOTR (for Permissions, Information and Institutional Dynamics, Obligations, and Rights) research project, jointly supported by the Polish (NCN) and German (DFG) science foundations. The project was led by Piotr Kulicki (Lublin) and Olivier Roy (Bayreuth) and put together a number of deontic logicians and legal theorists from both countries as well as international cooperators. Among other activities, several project meetings took place where various aspects of the relation between permission and obligation, both in philosophy and in law, were discussed. The 2016 Deontic and Normative System

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(DEON) conference and the 2017 Trends in Logic conference were also organized in collaboration with the project, in Bayreuth and Lublin, respectively.

The goal of this issue was not only to provide a unified venue reflecting some of the outputs of the project but also to reach out to the broader deontic logic community for relevant contributions around the project's theme. We received thirteen contributions in total, all of which have been reviewed followed *Studia Logica's* highest standards of quality. Four papers made it through that process and now constitute this special issue.

Janusz Czelakowski's contribution "Deontology of Compound Actions" extends previous work of his on permissions and obligations for complex, i.e., sequential and compound, actions. Albert Anglberger and Johannes Korbmayer's "Truthmakers and Normative Conflicts" presents a new semantics for permission, based on Kit Fine's truthmakers semantics. The semantics is shown to accommodate the infamous Free Choice Permission principle without deriving its well-known counter-intuitive consequences. Alessandra Marra and Dominik Klein's "From Oughts to Goals. A Logic for Enkrasia" turns to the role of obligations in practical reasoning, and a formalization of the so-called Enkratic principle, bridging obligations and intentions. Réka Markovich's "Understanding Hohfeld and Formalizing Legal Rights: the Hohfeldian Conceptions and Their Conditional Consequences" provides a thorough analysis and a novel formalization of the Hohfeldian theories of rights. This formalization stands out not only for its competent and erudite representation of the Hohfeldian typology but also for its use of directed obligations and permissions, a welcome contribution to deontic logic.

All in all, these four contributions reflect both the core topics of the research project, as well as the diversity of expertise it has been drawing from, ranging from philosophy and computer science to legal theory. Of course much more should be said about how permissions generate obligations, both in law and for morality or rationality. We are, however, confident that future contributions will build on the results of the PIOTR project, and in particular on the contributions represented in this special issue.

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