

```

DELIMITER $$

CREATE FUNCTION fn_verifier_conflict_formateur(
    p_formateur_id INT,
    p_jour VARCHAR(20),
    p_heure_debut TIME,
    p_heure_fin TIME,
    p_seance_id_exclue INT,
    p_edt_id INT
) RETURNS BOOLEAN
DETERMINISTIC
READS SQL DATA
BEGIN
    DECLARE v_nb_conflicts INT;

    SELECT COUNT(*) INTO v_nb_conflicts
    FROM Seance s
    JOIN SeanceProgramme sp ON s.id = sp.seance_id
    JOIN AffectationModule am ON sp.affectation_module_id = am.id
    WHERE am.formateur_id = p_formateur_id
    AND s.emploi_du_temps_id = p_edt_id
    AND s.jour_semaine = p_jour
    AND (
        (s.heure_debut < p_heure_fin AND s.heure_fin > p_heure_debut)
    )
    AND (p_seance_id_exclue IS NULL OR s.id != p_seance_id_exclue);

    RETURN v_nb_conflicts > 0;
END$$

DELIMITER ;

```